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# **Fuel Oil and Kerosene Sales 2000**

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**Energy Information Administration**

Office of Oil and Gas  
U.S. Department of Energy  
Washington DC 20585

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### Fuel Oil and Kerosene Data Available Through Electronic Access

Annual petroleum marketing data are available through electronic access that contains statistics from the *Fuel Oil and Kerosene Sales 2000* report. Included are annual sales data on petroleum volumes of kerosene, distillate fuel oils, and residual fuel oils by State. Annual historical data at the national level are provided in summary tables.

For *Fuel Oil and Kerosene Sales on the Internet*, access EIA's home page at <http://www.eia.doe.gov>.

#### Internet Addresses:

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Further information as to content may be obtained from the National Energy Information Center (NEIC), telephone (202) 586-8800.

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# Introduction

The *Fuel Oil and Kerosene Sales 2000* report provides information, illustrations and State-level statistical data on end-use sales of kerosene; No. 1, No. 2, and No. 4 distillate fuel oil; and residual fuel oil. State-level kerosene sales include volumes for residential, commercial, industrial, farm, and all other uses. State-level distillate sales include volumes for residential, commercial, industrial, oil company, railroad, vessel bunkering, military, electric utility, farm, on-highway, off highway construction, and other uses. State-level residual fuel sales include volumes for commercial, industrial, oil company, vessel bunkering, military, electric utility, and other uses. The Petroleum Division, Office of Oil and Gas, Energy Information Administration ensures the accuracy, quality, and confidentiality of the published data in the *Fuel Oil and Kerosene Sales 2000*.

Except for the kerosene and on-highway diesel information, data presented in Tables 1 through 12 (Sales of Fuel Oil and Kerosene) present results of the EIA-821 survey. Tables 13 through 24 (Adjusted Sales of Fuel Oil and Kerosene) include volumes that are based on the EIA-821 survey but have been adjusted to equal the products supplied volumes published in the *Petroleum Supply Annual* (PSA).

Tables 1 through 12 contain sales estimates resulting from the EIA-821 survey for all categories except kerosene and on-highway diesel. For on-highway diesel the survey was not expected to yield valid statistics because the sampling frame does not include a comprehensive listing of all truck stops. Hence, State-level data obtained from the Federal Highway Administration were used instead.

Kerosene sales data were not expected to be complete because a comprehensive listing of kerosene retailers was not available to serve as a sampling frame. It was thought that a complete frame would be expensive to construct because many kerosene retailers are convenience stores or other small businesses. Because of these concerns, kerosene sales data have been published only after adjusting the sales data so that they add to the U.S. total of kerosene product supplied from the PSA.

In Tables 13 through 24, estimates of distillate fuel oil are adjusted at the Petroleum Administration for Defense (PAD) district level to equal published PSA volume estimates of products supplied. For certain sales

categories, data obtained from alternate sources are used instead of the adjusted numbers. See "Technical Note 3" in Appendix A for further explanation.

Kerosene and residual fuel oil in Tables 13 through 24 are adjusted at the national level to equal published PSA products supplied estimates. Historically, kerosene estimates have always been adjusted at the PAD district level. However, in 1992, certain kerosene estimates at the PAD district level resulted in negative numbers. Hence, the adjustment procedure was changed to display positive sales volumes of kerosene for all PAD districts. Thus the kerosene figures in Tables 13 through 24 are identical to those shown in Tables 1 through 12.

The sales data (Tables 1 through 12) differ from the adjusted sales estimates (Tables 13 through 24) with the exception of kerosene and on-highway diesel for many reasons, including:

- Some products are interchangeable (fungible) and may be supplied as one product and sold as another product. For example, kerosene, low-sulfur kerosene-type jet fuel, and low-sulfur No. 1 fuel oil can be used interchangeably.
- Products supplied into a PAD district may be blended prior to final sale. For example, residual fuel and No. 2 distillate may be blended and sold as No. 4 fuel oil or, in colder climates, kerosene may be blended with distillate fuel oil and sold as heating oil.
- Geographic differences can be attributed to the transportation of product by truck or rail from the district of production. Inter-PAD district movements of products by these modes of transportation are not accounted for in Tables 13 through 24.
- Products may be supplied into a PAD district but the final sale may cross PAD district boundaries. For example, a fuel oil dealer in Ohio (PAD District II) may make retail sales into Pennsylvania (PAD District IB) and/or West Virginia (PAD District IC).
- Drawdowns or buildups in stocks will cause volumes supplied to differ from sales volumes.

## Highlights

# Sales of Fuel Oil and Kerosene in 2000

Fuel oil sales in 2000 can be characterized by continuation of long-term trends in both the distillate and residual fuel oil markets. Overall distillate demand increased for the ninth consecutive year, to reach an all time high of more than 59.6 billion gallons. Buoyed by the continued strength of the U.S. economy during 2000, total distillate sales increased 3.5 percent over the level of sales achieved in 1999. By comparison, the residual fuel oil market continued to shrink in comparison to 1999. Despite the continuation of the long-term down trend in sales that with the exception of 1996 and 1998, has characterized the residual fuel oil market for more than a decade, the rate of decline slowed to 0.9 percent compared to the drop of 9.5 percent the year before. Total sales of kerosene also decreased, dropping 7.3 percent from the level set in 1999.

Distillate sales accounted for an even greater share of the fuel oil market in 2000 than they had in 1999. (Distillate sales accounted for 80.7 percent of total fuel oil sales compared to 79.9 percent in 1999). Once again, the shift in the proportion of total fuel oil sales came

primarily as the result of declining sales to the electric power sector. Residual fuel oil sales fell below eighteen percent of total fuel oil sales, accounting for 17.9 percent of total fuel oil sales for the first time.<sup>1</sup> Kerosene sales accounted for the remaining 1.4 percent of total sales.

## Distillate Fuel Oil

Despite a year sharply higher prices for petroleum products, sales of distillates in 2000 increased to a record 59.6 billion gallons. The year-to-year volume increase of 3.5 percent in total U.S. sales represented a jump in consumption of more than 2 billion gallons. Once again, the strong demand resulted in large measure from the continuation of economic growth during most of the year. The economy as measured by Gross Domestic Product (GDP) grew 5.0 percent for the year compared to an increase of 4.2 percent in 1999. At the same time, unemployment fell to 4.0 percent, its lowest point since 1970.<sup>2</sup>

**Table HL1. Volume Distribution of Distillate and Residual Fuel Oils, 1999 and 2000**

| End Use                | Distillate 2000          |               | Distillate 1999          |               | Residual 2000            |               | Residual 1999            |               |
|------------------------|--------------------------|---------------|--------------------------|---------------|--------------------------|---------------|--------------------------|---------------|
|                        | Volume (million gallons) | Percent Share | Volume (million gallons) | Percent Share | Volume (million gallons) | Percent Share | Volume (million gallons) | Percent Share |
| Residential .....      | 6,830                    | 11.5          | 6,302                    | 11.0          | —                        | —             | —                        | —             |
| Commercial .....       | 3,706                    | 6.2           | 3,338                    | 5.8           | 644                      | 5.0           | 646                      | 4.8           |
| Industrial .....       | 2,331                    | 3.9           | 2,478                    | 4.3           | 1,585                    | 12.0          | 1,700                    | 12.8          |
| Oil Company .....      | 686                      | 1.2           | 659                      | 1.2           | 154                      | 1.2           | 124                      | 0.9           |
| Farm .....             | 3,455                    | 5.8           | 3,412                    | 5.9           | —                        | —             | —                        | —             |
| Electric .....         | 1,015                    | 1.7           | 816                      | 1.4           | 4,363                    | 33.0          | 4,990                    | 37.4          |
| Railroad .....         | 3,291                    | 5.5           | 3,239                    | 5.6           | —                        | —             | —                        | —             |
| Vessel Bunkering ..... | 2,261                    | 3.8           | 2,419                    | 4.2           | 6,410                    | 48.5          | 5,838                    | 43.8          |
| On-Highway .....       | 33,130                   | 55.6          | 32,062                   | 55.7          | —                        | —             | —                        | —             |
| Military .....         | 306                      | 0.5           | 357                      | 0.6           | 28                       | 0.2           | 26                       | 0.2           |
| Off-Highway .....      | 2,589                    | 4.3           | 2,490                    | 4.3           | —                        | —             | —                        | —             |
| Other .....            | 0                        | 0.0           | 0                        | 0.0           | 7                        | 0.1           | 4                        | 0.0           |
| <b>Total .....</b>     | <b>59,600</b>            | <b>100.0</b>  | <b>57,572</b>            | <b>100.0</b>  | <b>13,211</b>            | <b>100.0</b>  | <b>13,328</b>            | <b>100.0</b>  |

Sources: Energy Information Administration, Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," 1999 and 2000.

<sup>1</sup>Sales of residual fuel oil to the electric power industry surged in 1998 and exceeded 20 percent of the total fuel oil sales for the first time since 1994. For details, see *Sales of Fuel Oil and Kerosene*, Energy Information Administration, 1999, p 4.

<sup>2</sup>GDP data are from: *Economic Indicators*, April 2001, Washington D.C. U.S. Government Printing Office, p1-2, 19; Employment statistics are from *Economic Indicators*, P. 12.

Demand for on-road diesel reached another all-time high in 2000, increasing to 33.1 billion gallons, accounting for roughly 56 percent of total distillate demand.

Despite a winter slightly warmer than normal in the key regions for heating oil sales, sales of distillate to the residential sector increased by 8.4 percent to 6.83 billion gallons. For the U.S. in general, the winter weather was about 2.5 percent warmer than normal, but about 5.1 percent colder than the previous year. However, in New England the winter was only 0.2 percent warmer than normal and 7.4 percent colder than in 1999.

Commercial use of distillates, driven by both the strength of the economy and by the colder temperatures, increased 11.0 percent, or 364 million gallons, to 3.7 billion gallons. Sales to the industrial sector decreased by 146 million gallons to total 2.3 billion gallons.

Despite sharply higher prices for distillate fuel, the strength of the economy coupled with the fact that energy prices in general were significantly higher than during 1999 bolstered distillate sales, and contributed to increases in distillates sales in nearly every sector of the market. The residential and commercial sectors benefited: as total expenditures for new construction grew by 5.68 percent.<sup>3</sup>

Off-highway diesel, a sector heavily dependent on construction orders, also grew as a result of the healthy economy and new construction activity. Off-highway sales increased 99 million gallons, or 4.0 percent, to 2.6 billion gallons.

Direct use of distillates by oil companies increased as drilling and other oil and gas company activities increased as higher prices drove increase exploration and development activity during the year. The number of rotary rigs for the years averaged 918, or about 47 percent over the average of 625 rotary rigs in 1999. The increased in company activity, driven by the high crude oil and natural gas prices during much of the year, resulted in total demand of 686 million gallons, or 27 million gallons above the total for the previous year.<sup>4</sup>

Sales of distillate to the agricultural sector were mixed largely as the result of widely varying weather conditions raging from drought to unusually favorable conditions. The drought plaguing much of the South and West reduced the wheat crop and in general curtailed demand in the affected regions. In the farm belt of the mid-continent, conditions favored the farmer and stimulated demand for distillates as the highest level of soybean production on record and the second largest corn harvest in history were recorded. Nationally, sales to the agricultural sector increased slightly, totaling nearly 3.5 billion gallons up about 43 million gallons or 1.3 percent from the level achieved in 1999.<sup>5</sup>

Reflecting fundamental changes in the utility sector, distillate sales to electric utilities surged, to an all-time high. Sales increased by nearly 200 million gallons or 24.4 percent. For the first time, total distillate sales to the utility sector exceeded one billion gallons. A combination of factors fostered the jump in sales. Although record high prices for natural gas made oil more attractive to those with fuel switching capacity, structural changes in the electric power sector also played a significant role in the shift in fuel use.

Restructuring of the electric power industry is changing patterns of fuel use. As utilities were either required to or voluntarily decided to divest generation assets changes occurred not only in ownership but also in how the plants are operated. Some plants, especially older less efficient units have become peaking units rather than base load units. Now, often running just when economic conditions justify, such plants are less sensitive to fuel costs. They may blend distillate with residual fuel oil, mix it with natural gas or even when equipment and conditions warrant burn only the lighter lower sulfur exclusively in order to meet increasingly stringent environmental restrictions. In addition, concern in some areas of the country about the ability of the electric power system to meet peak summer demand led to the instillation of addition smaller peaking units that typically run on distillate as an alternative to natural gas or simply run on distillate exclusively.

Sales of distillate to railroads increased for the second consecutive year. The gain was slightly less than in 1999 at 1.6 percent, an increase of nearly 52 million gallons for a total of 3.29 billion gallons. Sales to railroads were at the highest level since 1996.

<sup>3</sup>*Economic Indicators*, April 2001, Government Printing Office, p.19.

<sup>4</sup>The number of working rigs at year-end, increased by nearly 50 percent from 625 in 1999 to 918 in 2000. U.S. Average Rig Counts by State, Baker Hughes (Hughes Christensen), 1999, 2000. See also, EIA *Monthly Energy Review*, Table 5.1.

<sup>5</sup>Department of Agriculture, National Agricultural Statistics Service, *Statistical Highlights 2000 & 2001: Overview, U.S. Crop Summary*, p 4-5.



Despite the overall strength of distillate sales, not all sectors of the distillate market improved. Sales of distillates for vessel bunkering declined by 6.5 percent to less than 2.3 billion gallons, the lowest level of sales since 1994. Sales to the military sector declined about 50 million gallons for a year total of 306 million gallons.

On a regional basis,<sup>6</sup> the increase in sales of distillate to the residential market usage limited to PAD District I (the East Coast). Total distillate sales in the PAD District reached 5.9 billion gallons, an increase of 11.1 percent. Although sales increased throughout the region, the largest increase occurred in Subdistrict IB, the Middle Atlantic, where sales increased by 14.1 percent.

Sales in Subdistrict IA, the New England, were boosted by an unusually strong cold snap in January that resulted in a pronounced price spike.<sup>7</sup> The severity of the weather exacerbated market conditions by impeding delivery of both oil and natural gas to some areas. The result: prices for both natural gas and heating oil (already pushed higher because stocks of both products were low) surged in mid-January.

The price spike was limited to the Northeast where consumption of heating oil is concentrated, although the region accounts for only about 22 percent of total demand for distillate fuels, approximately 80 percent of the total U.S. heating oil demand occurs in the region. Some larger customers of natural gas whose service was interrupted or who had voluntarily switched to distillate fuel added pressure to an already stressed distillate market. Spot heating oil prices (New York Harbor) rose 133 percent between January 14 and February 4, 2000 and prices in New England increased by two-thirds from \$1.18 to \$1.97 per gallon.<sup>8</sup>

Sales of distillate to the residential sector in all other PAD districts declined, primarily as the result of milder than normal winter temperatures.

Commercial volumes similarly increased the most in PAD District I, particularly in the Northeast, where distillate sales increased 22.2 percent, or nearly 120 million gallons, for total sales of 658 million gallons.

Overall sales of distillate to the commercial sector in PAD District I, totaled 2.3 billion gallons.

As would be expected with higher crude and product prices, oil companies increased exploration and development activities. Consequently, distillate sales for direct use by oil companies increased. The most pronounced increase occurred in PAD District III (the Gulf Coast) where the majority of oil production takes place in the United States. Oil company direct usage in the Gulf Coast region increased by 39 million gallons to total 544 million gallons and account for nearly 80 percent of total oil company sales.

While the drought lessened demand for distillates in the agricultural sector of PAD District III, the region's warmer than normal summer boosted demand in the utility sector. Sales in the region increased by 207 million gallons from just 41 million gallons the previous year.

Sales of distillate fuels to the utility sector were mixed on a regional basis, increasing in PAD District I, PAD District III, and PAD District IV (the Rocky Mountains). Sales declined in PAD District II (the Midwest) a major coal-consuming region and in PAD District V (the Pacific Coast). Sales in PAD District V may have been adversely affected by developments late in the year in the electric power market in California.

## Residual Fuel Oil

Once again, as overall sales of residual fuel oil fell, the utility sector was primarily responsible for the bulk of the drop in sales of approximately 117 million gallons. Nonetheless, both the magnitude of the overall drop in total residual sales and the drop in utility sales were considerably more moderate than was the case in 1999. Total sales of residual fuel dropped by less than one tenth as much as during 1999, and the drop in utility sales represented about 40 percent the size of the decline that occurred in 1999. For the third consecutive year, bunker sales increased sharply thereby helping to counterbalance the decline in sales to the utility market.

<sup>6</sup>The U.S. is divided into 5 Petroleum Administration for Defense districts (PAD District). District I, East Coast, District II, Midwest, District III, Gulf Coast, District IV, Rocky Mountains, and District V, Pacific Coast, PAD District I is broken into three subdivisions: Subdistrict IA, New England, Subdistrict IB, Middle Atlantic, and Subdistrict IC, Southeast.

<sup>7</sup>Seasonal price increases for both natural gas and heating oil are the norm during the winter months as demand for both products increases sharply and inventories diminish as temperatures drop. Each year, to prepare for the coming winter, refiners step up production of heating oil and gas producers build gas storage inventories well in advance of the onset of colder weather. Nonetheless, circumstances may combine to produce unusual seasonal patterns that result in dramatic swings in price, where prices spike well above typical winter highs.

<sup>8</sup>For a more detailed account of the dynamics of the winter 1999-2000, please see: *Impact of Interruptible Natural Gas Service on Northeast Heating Oil Demand*, Energy Information Administration, Office of Oil and Gas, Washington, January 2001.

In recent years, restructuring of the electric power sector has contributed to a fundamental change in the patterns of fuel purchase and use by electric power generators. Over the past three years, sales of residual fuel oil to the electric power sector have fluctuated greatly. In 2000, sales declined by 627 million gallons, a drop of 12.6 percent. Despite the magnitude of the drop, sales to the electric power sector fell by less than 45 percent as much as they did in 1999 compared to 1998.<sup>9</sup> Falling demand responded to weather, prices of competing fuels, changing practices in the electric power sector, and environmental constraints. Despite cooler temperatures than were experienced the previous winter, the heating season of 2000 was still milder than normal.<sup>10</sup> Although much of the country experienced warmer than normal summer temperatures, the principal fuel oil consuming areas experienced a cooler than normal summer.<sup>11</sup>

Prices for fuel rose sharply in late 1999 and remained at their highest levels in years for most of 2000. The prolonged period of higher prices acted as a window of opportunity for residual fuel to compete favorably at times with natural gas and even occasionally with coal. However, increased flexibility in fuel use and plant operations as more plants were divested becoming merchant plants where blending of fuels to achieve greater efficiency and to lower emissions of dirtier fuels (oil blended with natural gas and even oil and coal), choosing to purchase power rather than generate electricity or to buy and re-sell fuel contracted for reduced the advantage that fuel oil might have had under similar circumstances just a few years earlier.

Finally, environmental constraints on the operation of plants further reduced the demand for heavier higher sulfur fuel oils and stimulated sales of lighter oil to the electric power sector (see above). As was the case in 1999, the drop in sales of residual fuel oil the electric power sector overwhelmed the gains made in the bunker market and resulted in the overall demand for residual fuel oil falling slightly by 1.0 percent in comparison to 1999.

The drop in total sales of residual fuel oil should be viewed in the context of the long-term decline in sales of approximately 40 percent between 1987 and 2000.

Although price volatility and other considerations, such as the sustained outages of facilities,<sup>12</sup> may result in significant increases in regional or even national sales of residual fuel to the utility market for any given year, such conditions as occurred in 1998 are unlikely to be long-term. Nationally, as new power plants come on line, most will be gas fired further reducing demand. The drop in sales during 2000 fits the long-term well-established trend of declining sales of residual fuel oil. Regionally, the New England market will continue to shrink significantly as gas flows into the region from Sable Island reach their expected levels. Nonetheless, residual fuel oil sales will remain a viable niche market, serving as back-up fuel, stock, safety valve, and hedging tools in the electric power market.

Sales of residual fuel oil to the industrial sector declined in 2000 as it had in 1999 and 1998. The drop in industrial sales of residual fuel oil was greatest in the New England region of PAD District I and in PAD District V along the Pacific Coast.

Reversing the impact of low prices during 1998 and the early months of 1999, higher crude oil and product prices led to increased spending by oil companies for exploration, development, and other projects.<sup>13</sup>

The bright spot in residual sales remained the bunker market. Bunker sales increased by 9.8 percent, 572 million gallons, up sharply from the robust sales of 1999 when sales increased by nearly 4 percent. Bunker sales increased in every region of the U.S. with the exception of Pad District IV where bunker fuel is not marketed. The largest increases occurred in the Middle Atlantic and Southeastern portions of PAD District I and in PAD District III along the Gulf Coast. Sales in the Gulf Coast were boosted by favorable arbitrage opportunities as coker outages resulted in a glut of bunker in the region. Favorable economics also helped to boost sales in a number of small niche markets such as Mobile and Baltimore over such ports as New York and Philadelphia. Although sales increased only 2.8 percent in PAD District V, that region experienced a significant increase in 1999 of more than 20 percent.

<sup>9</sup>Unusual conditions combined in 1998, to propel sales to electric utilities to 1.8 billion gallons. Sales in 1999 and again in 2000 have moved back into a pattern common over the past several years of generally falling demand.

<sup>10</sup>The U.S. as a whole was 5.1 percent colder than in 1999 as measured in heating degree-days but was still 2.5 percent warmer than normal. The only exceptions were New England recording a winter 7.4 percent cooler than in 1999 and 0.2 percent colder than normal.

<sup>11</sup>Summer temperatures in New England, the Middle Atlantic and the East North Central regions of the country were between 8 and 12 percent cooler than normal. In New England, the summer was some 37 percent cooler than in 1999 and the Middle Atlantic, which was just 24.4 percent cooler, and the East North Central was 17.6 percent cooler.

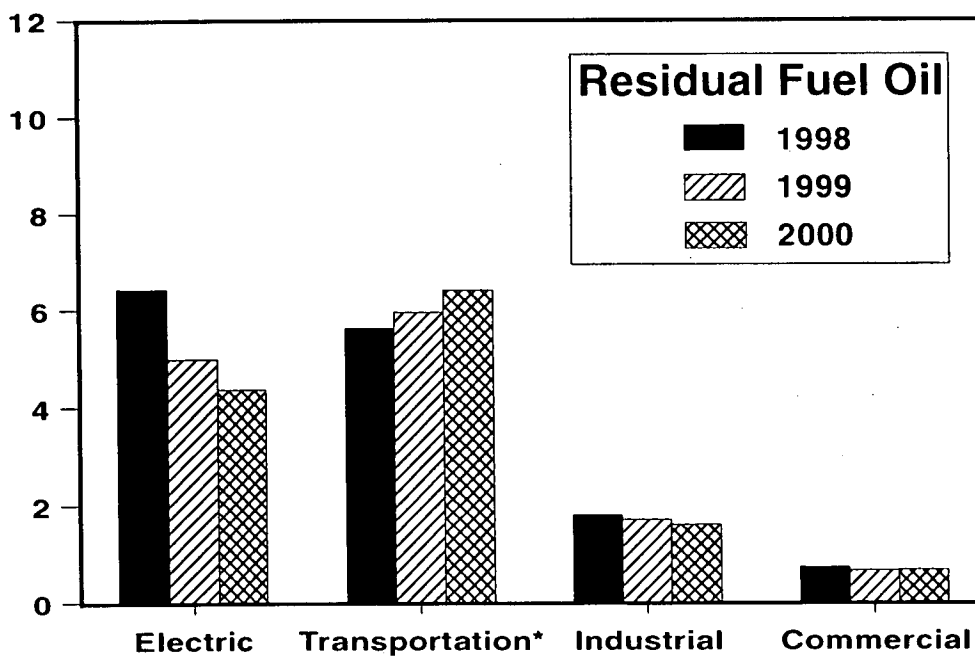
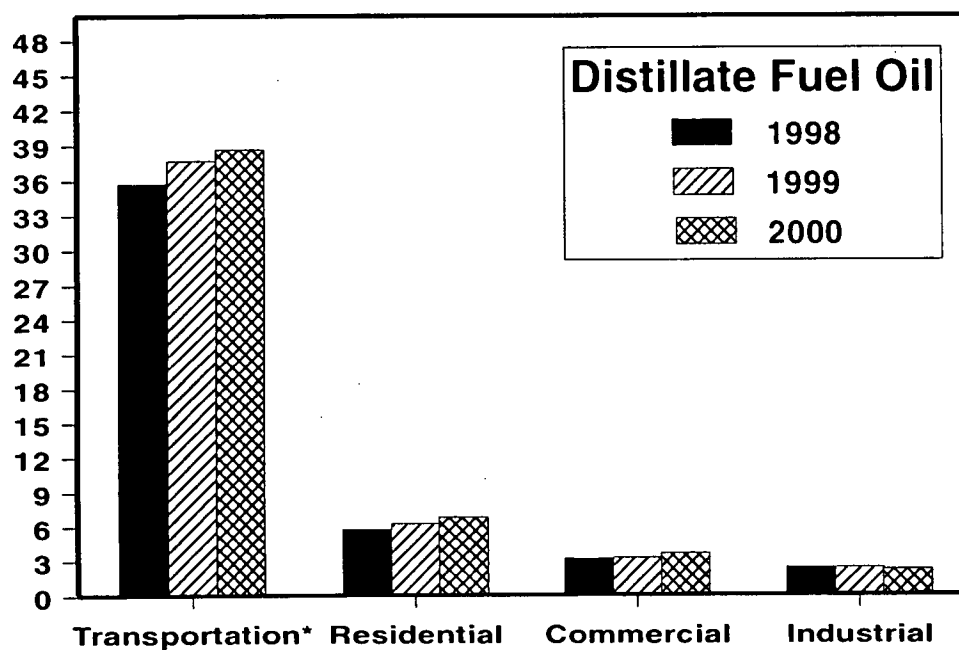
<sup>12</sup>For example, the outage of several nuclear plants that boosted sales in the New England regional market in 1997 and 1998.

<sup>13</sup>See footnote 4 for details.

## **Kerosene**

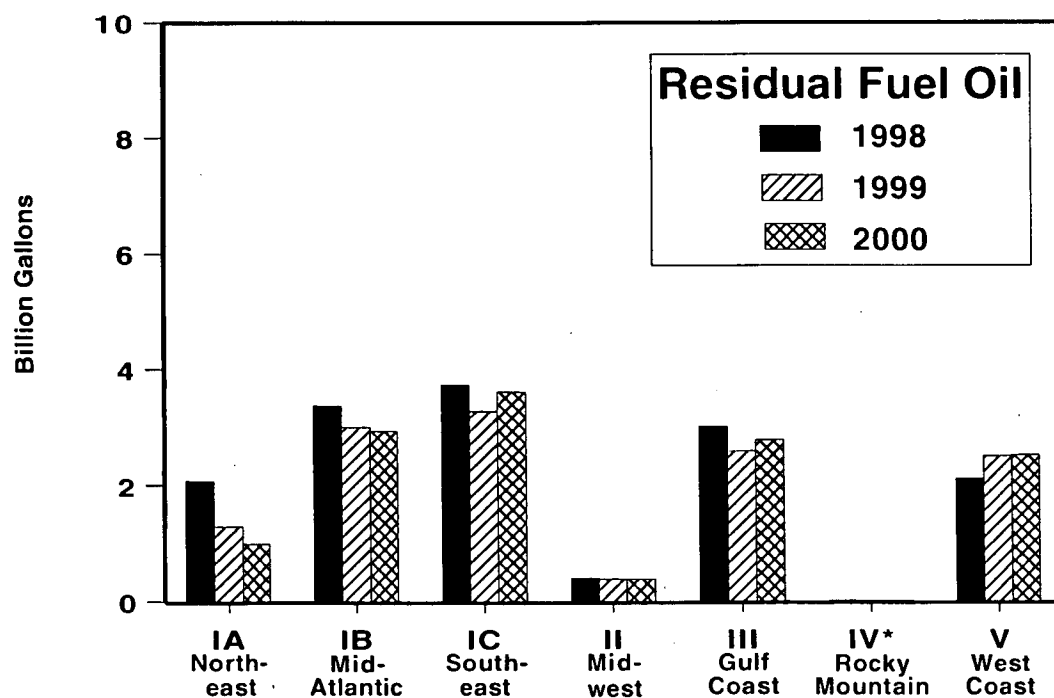
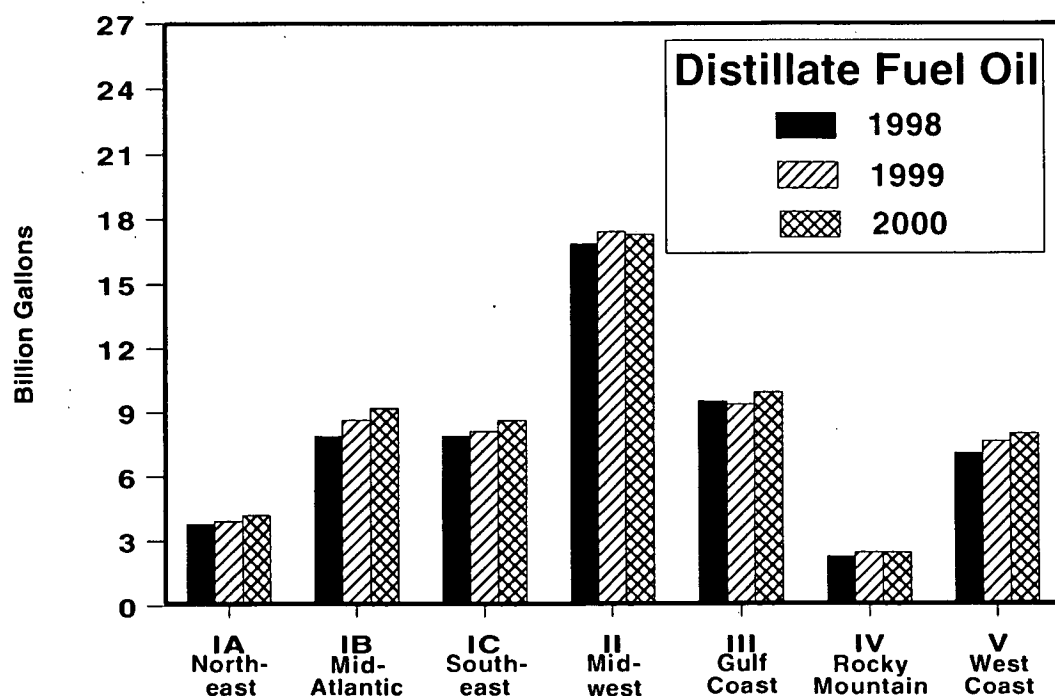
For the second year in a row, kerosene sales fell, remaining just over 1 billion gallons. Sales fell by 7.3 percent compared to a drop of 6.6 percent in 1999. Sales to the commercial sector increased by nearly 20 million gallons, a jump of 10 percent. Counteracting that increase, sales to the residential sector fell but still accounted for approximately 68 percent of total kerosene sales followed by the commercial sector at approximately 21 percent.

Figure HL1. U.S. Sales of Distillate and Residual Fuel Oils by End Use, 1998-2000



\*For distillate fuel oil, transportation use comprises railroad, vessel bunkering, and on-highway diesel end-use categories. For residual fuel oil, transportation use comprises the vessel bunkering end-use category.  
 Sources: Energy Information Administration, Form EIA-821, "Fuel Oil and Kerosene Sales Report," 1999 and 2000.

Figure HL2. Volume Distribution of Distillate and Residual Fuel Oils by PAD District, 1998-2000

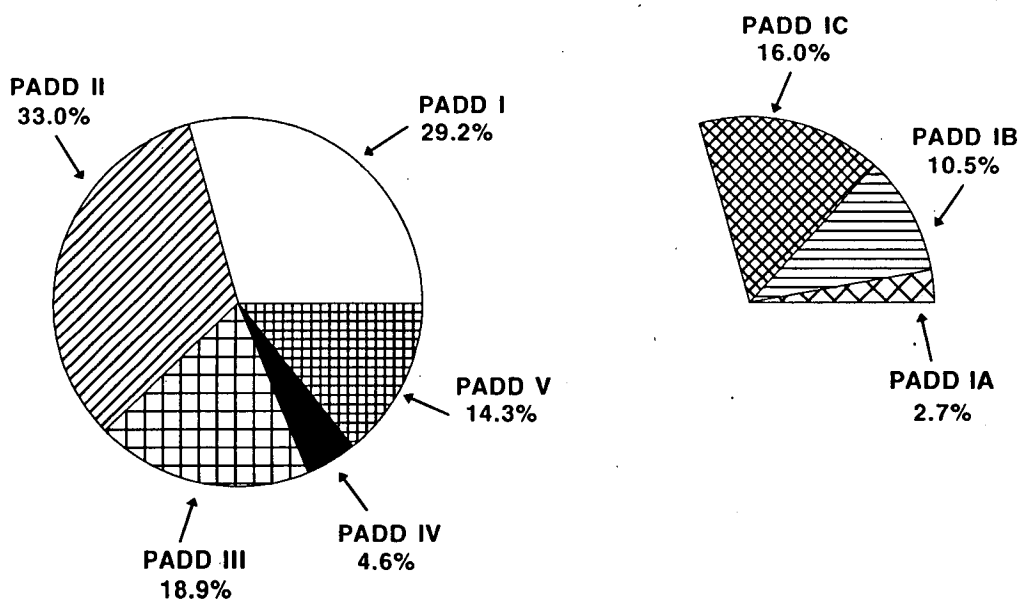


\*Residual fuel oil sales in PAD District IV are too small to appear in this graph.

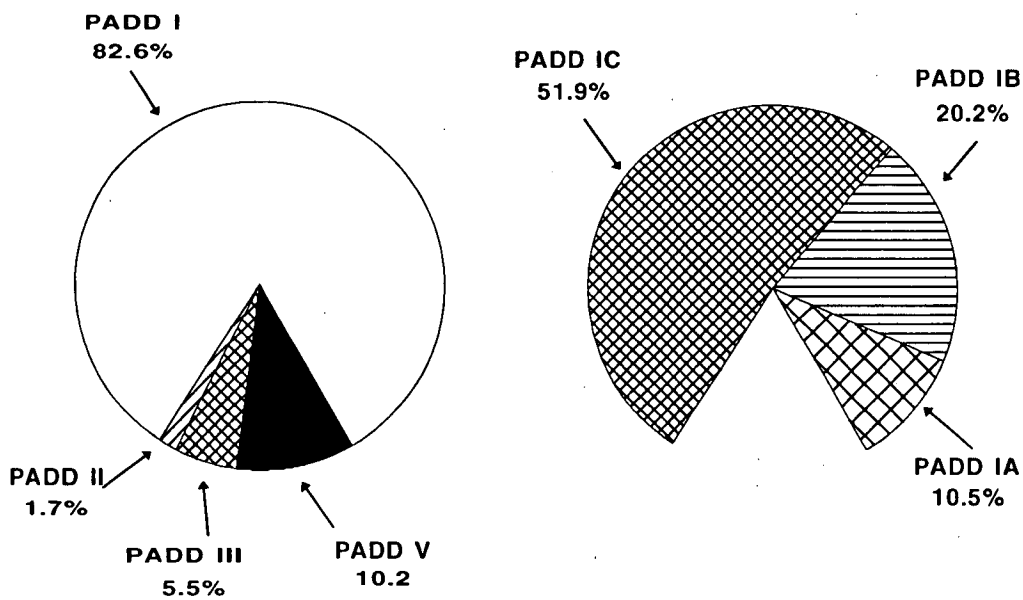
Sources: Energy Information Administration, Form EIA-821, "Fuel Oil and Kerosene Sales Report," 1999 and 2000.

Figure HL3. Distillate and Residual Fuel Oil Sales for Selected End-Use Categories by PAD District, 2000

### Distillate: Transportation



### Residual: Electric Utility



Sources: Energy Information Administration, Form EIA-821, "Fuel Oil and Kerosene Sales Report," 2000.

**Table 1. Sales of Distillate Fuel Oil by End Use in the United States: 1996-2000**  
(Thousand Gallons)

| End Use                  | Distillate Fuel Oil |            |            |            |            |
|--------------------------|---------------------|------------|------------|------------|------------|
|                          | 1996                | 1997       | 1998       | 1999       | 2000       |
| U.S. Total .....         | 53,379,033          | 54,366,495 | 55,305,694 | 57,573,018 | 59,601,230 |
| Residential .....        | 6,910,018           | 6,531,416  | 5,819,959  | 6,302,466  | 6,830,455  |
| Commercial .....         | 3,603,620           | 3,314,956  | 3,233,350  | 3,338,242  | 3,706,345  |
| Industrial .....         | 2,288,689           | 2,309,615  | 2,462,355  | 2,477,719  | 2,330,870  |
| Oil Company .....        | 730,676             | 852,015    | 783,719    | 659,039    | 686,454    |
| Farm .....               | 3,591,383           | 3,547,699  | 3,410,801  | 3,411,623  | 3,454,861  |
| Electric Utility .....   | 657,881             | 636,002    | 840,731    | 816,008    | 1,015,100  |
| Railroad .....           | 3,446,939           | 3,277,802  | 3,180,124  | 3,239,044  | 3,290,507  |
| Vessel Bunkering .....   | 2,490,793           | 2,573,800  | 2,595,076  | 2,419,336  | 2,261,422  |
| On-Highway Diesel .....  | 26,958,668          | 28,614,022 | 30,150,191 | 32,062,447 | 33,129,664 |
| Military .....           | 454,443             | 432,621    | 352,189    | 356,602    | 306,170    |
| Off-Highway Diesel ..... | 2,245,922           | 2,276,548  | 2,477,199  | 2,490,492  | 2,589,383  |

Dashes (-) = No data reported.

Note: Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1996-2000.

• On-Highway Diesel data are derived from Federal Highway Administration statistics of highway special fuels use.

**Table 2. Sales of Residual Fuel Oil by End Use in the United States: 1996-2000**  
(Thousand Gallons)

| End Use                | Residual Fuel Oil |            |            |            |            |
|------------------------|-------------------|------------|------------|------------|------------|
|                        | 1996              | 1997       | 1998       | 1999       | 2000       |
| U.S. Total .....       | 13,256,998        | 12,504,135 | 14,729,841 | 13,328,058 | 13,210,935 |
| Commercial .....       | 927,834           | 789,674    | 715,111    | 645,927    | 664,360    |
| Industrial .....       | 2,089,436         | 1,898,611  | 1,797,906  | 1,700,054  | 1,585,140  |
| Oil Company .....      | 167,425           | 160,477    | 127,464    | 123,984    | 153,522    |
| Electric Utility ..... | 4,304,492         | 4,599,084  | 6,431,746  | 4,990,083  | 4,362,680  |
| Vessel Bunkering ..... | 5,701,233         | 5,010,059  | 5,620,417  | 5,838,128  | 6,409,863  |
| Military .....         | 56,225            | 42,164     | 33,648     | 25,702     | 28,427     |
| All Other .....        | 10,354            | 4,065      | 3,549      | 4,181      | 6,942      |

Note: Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1996-2000.

**Table 3. Sales of Kerosene by End Use in the United States: 1996-2000**  
(Thousand Gallons)

| End Use           | Kerosene |           |           |           |           |
|-------------------|----------|-----------|-----------|-----------|-----------|
|                   | 1996     | 1997      | 1998      | 1999      | 2000      |
| U.S. Total .....  | 948,990  | 1,009,932 | 1,196,580 | 1,118,124 | 1,036,014 |
| Residential ..... | 657,636  | 688,025   | 802,348   | 823,436   | 700,532   |
| Commercial .....  | 155,792  | 182,559   | 230,743   | 199,577   | 219,633   |
| Industrial .....  | 102,322  | 110,738   | 123,246   | 58,279    | 86,844    |
| Farm .....        | 26,017   | 21,556    | 26,823    | 26,312    | 23,084    |
| All Other .....   | 7,223    | 7,054     | 13,420    | 10,521    | 5,921     |

Note: Totals may not equal sum of components due to independent rounding.

Note: Kerosene data in the Sales tables (1-12) are adjusted at the national level. See Technical Note 3 for further explanation.

Sources: • Kerosene data are based on data from the Energy Information Administration's "Petroleum Supply Annual," Volume 1, 1996-2000, (DOE/EIA-0340(96)/1 - (00)/1).



**Table 4. Sales of Distillate Fuel Oil by End Use, 1999 and 2000**

(Thousand Gallons)

| Destination                         | Residential      |                  | Commercial       |                  | Industrial       |                  |
|-------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|                                     | 1999             | 2000             | 1999             | 2000             | 1999             | 2000             |
| <b>U.S. Total</b> .....             | <b>6,302,466</b> | <b>6,830,455</b> | <b>3,338,242</b> | <b>3,706,345</b> | <b>2,477,719</b> | <b>2,330,870</b> |
| <b>PAD District I Total</b> .....   | <b>5,323,022</b> | <b>5,915,257</b> | <b>2,095,496</b> | <b>2,346,499</b> | <b>766,697</b>   | <b>711,827</b>   |
| <b>Subdistrict IA Total</b> .....   | <b>2,123,587</b> | <b>2,278,430</b> | <b>539,367</b>   | <b>658,915</b>   | <b>86,851</b>    | <b>77,670</b>    |
| Connecticut .....                   | 572,366          | 621,023          | 117,495          | 131,180          | 18,006           | 17,008           |
| Maine .....                         | 330,116          | 305,928          | 123,827          | 141,749          | 23,092           | 25,536           |
| Massachusetts .....                 | 790,563          | 899,021          | 169,885          | 228,901          | 20,449           | 16,736           |
| New Hampshire .....                 | 200,927          | 201,260          | 63,626           | 83,702           | 11,185           | 8,216            |
| Rhode Island .....                  | 140,200          | 143,441          | 22,593           | 27,642           | 6,433            | 4,473            |
| Vermont .....                       | 89,415           | 107,758          | 41,941           | 45,742           | 7,686            | 5,701            |
| <b>Subdistrict IB Total</b> .....   | <b>2,797,684</b> | <b>3,192,052</b> | <b>1,139,322</b> | <b>1,203,992</b> | <b>268,081</b>   | <b>232,621</b>   |
| Delaware .....                      | 40,435           | 50,062           | 14,351           | 12,029           | 4,425            | 2,700            |
| District of Columbia .....          | 9,255            | 9,582            | 14,860           | 24,683           | -                | 17               |
| Maryland .....                      | 207,027          | 213,953          | 98,107           | 113,525          | 51,441           | 25,997           |
| New Jersey .....                    | 433,335          | 449,777          | 182,783          | 146,877          | 38,541           | 28,392           |
| New York .....                      | 1,257,211        | 1,549,169        | 618,531          | 665,223          | 60,185           | 49,707           |
| Pennsylvania .....                  | 850,421          | 919,510          | 210,691          | 241,656          | 113,489          | 125,807          |
| <b>Subdistrict IC Total</b> .....   | <b>401,751</b>   | <b>444,774</b>   | <b>416,807</b>   | <b>483,592</b>   | <b>411,765</b>   | <b>401,537</b>   |
| Florida .....                       | 4,468            | 5,237            | 79,859           | 116,117          | 59,200           | 48,320           |
| Georgia .....                       | 2,426            | 3,148            | 53,713           | 54,421           | 55,537           | 66,210           |
| North Carolina .....                | 131,627          | 142,382          | 95,865           | 117,796          | 77,871           | 73,290           |
| South Carolina .....                | 22,299           | 21,212           | 46,250           | 33,356           | 33,375           | 26,047           |
| Virginia .....                      | 219,594          | 249,735          | 127,025          | 146,066          | 76,944           | 85,885           |
| West Virginia .....                 | 21,337           | 23,060           | 14,095           | 15,835           | 108,839          | 101,784          |
| <b>PAD District II Total</b> .....  | <b>702,300</b>   | <b>666,039</b>   | <b>592,501</b>   | <b>602,102</b>   | <b>792,158</b>   | <b>636,772</b>   |
| Illinois .....                      | 22,521           | 18,116           | 65,021           | 70,461           | 86,346           | 71,510           |
| Indiana .....                       | 46,445           | 42,909           | 57,163           | 59,084           | 133,449          | 110,456          |
| Iowa .....                          | 23,814           | 21,171           | 21,592           | 21,135           | 30,841           | 13,796           |
| Kansas .....                        | 613              | 750              | 21,024           | 25,115           | 19,025           | 13,365           |
| Kentucky .....                      | 23,206           | 23,188           | 48,643           | 47,585           | 142,200          | 118,066          |
| Michigan .....                      | 132,807          | 127,632          | 62,157           | 69,344           | 55,707           | 40,282           |
| Minnesota .....                     | 93,223           | 100,882          | 39,409           | 39,077           | 43,532           | 48,399           |
| Missouri .....                      | 13,592           | 13,554           | 45,351           | 49,145           | 61,780           | 35,488           |
| Nebraska .....                      | 3,407            | 4,852            | 9,702            | 8,700            | 17,452           | 5,270            |
| North Dakota .....                  | 21,503           | 24,800           | 10,373           | 10,187           | 7,072            | 3,303            |
| Ohio .....                          | 152,234          | 131,897          | 80,297           | 76,527           | 76,176           | 72,876           |
| Oklahoma .....                      | 93               | 105              | 16,066           | 10,662           | 9,084            | 5,348            |
| South Dakota .....                  | 14,912           | 15,414           | 8,964            | 8,568            | 8,905            | 6,924            |
| Tennessee .....                     | 10,222           | 7,666            | 42,551           | 47,397           | 32,287           | 27,636           |
| Wisconsin .....                     | 143,709          | 133,105          | 64,187           | 59,116           | 68,303           | 64,054           |
| <b>PAD District III Total</b> ..... | <b>1,556</b>     | <b>1,083</b>     | <b>214,083</b>   | <b>336,107</b>   | <b>404,313</b>   | <b>407,699</b>   |
| Alabama .....                       | 288              | 537              | 25,287           | 32,882           | 76,190           | 55,623           |
| Arkansas .....                      | 40               | 30               | 11,549           | 16,517           | 13,825           | 14,447           |
| Louisiana .....                     | 152              | 62               | 24,403           | 14,805           | 47,058           | 61,311           |
| Mississippi .....                   | 86               | 61               | 11,522           | 11,457           | 54,611           | 36,103           |
| New Mexico .....                    | 895              | 274              | 14,006           | 11,676           | 33,910           | 34,914           |
| Texas .....                         | 94               | 120              | 127,317          | 248,770          | 178,719          | 205,301          |
| <b>PAD District IV Total</b> .....  | <b>36,261</b>    | <b>32,244</b>    | <b>107,590</b>   | <b>85,603</b>    | <b>184,213</b>   | <b>200,602</b>   |
| Colorado .....                      | 436              | 2,725            | 36,021           | 26,607           | 25,689           | 19,961           |
| Idaho .....                         | 21,089           | 17,417           | 22,833           | 18,999           | 26,150           | 29,335           |
| Montana .....                       | 9,984            | 7,470            | 6,295            | 6,271            | 16,339           | 15,299           |
| Utah .....                          | 3,497            | 3,483            | 26,279           | 16,107           | 33,550           | 36,186           |
| Wyoming .....                       | 1,255            | 1,150            | 16,163           | 17,619           | 82,485           | 99,822           |
| <b>PAD District V Total</b> .....   | <b>239,328</b>   | <b>215,831</b>   | <b>328,572</b>   | <b>336,034</b>   | <b>330,338</b>   | <b>373,970</b>   |
| Alaska .....                        | 90,157           | 76,139           | 58,094           | 50,796           | 30,077           | 37,701           |
| Arizona .....                       | 158              | 174              | 41,915           | 38,144           | 84,957           | 95,061           |
| California .....                    | 7,594            | 10,604           | 121,756          | 136,504          | 62,132           | 70,965           |
| Hawaii .....                        | 12               | 14               | 11,525           | 9,604            | 2,141            | 3,169            |
| Nevada .....                        | 9,227            | 9,314            | 16,163           | 17,634           | 102,804          | 91,542           |
| Oregon .....                        | 48,301           | 43,215           | 36,968           | 43,705           | 31,269           | 46,901           |
| Washington .....                    | 83,878           | 76,372           | 42,150           | 39,648           | 16,958           | 28,630           |

See footnotes at end of table.

**Table 4. Sales of Distillate Fuel Oil by End Use, 1999 and 2000 (Continued)**

(Thousand Gallons)

| Destination                         | Oil Company    |                | Farm             |                  | Electric Utility |                  |
|-------------------------------------|----------------|----------------|------------------|------------------|------------------|------------------|
|                                     | 1999           | 2000           | 1999             | 2000             | 1999             | 2000             |
| <b>U.S. Total</b> .....             | <b>659,039</b> | <b>686,454</b> | <b>3,411,623</b> | <b>3,454,861</b> | <b>816,008</b>   | <b>1,015,100</b> |
| <b>PAD District I Total</b> .....   | <b>10,664</b>  | <b>20,926</b>  | <b>480,528</b>   | <b>473,878</b>   | <b>349,863</b>   | <b>389,981</b>   |
| Subdistrict IA Total .....          | 13             | 294            | 28,760           | 26,364           | 13,425           | 14,456           |
| Connecticut .....                   | 10             | 294            | 4,882            | 5,367            | 2,050            | 2,320            |
| Maine .....                         | -              | -              | 7,676            | 6,366            | 677              | 319              |
| Massachusetts .....                 | 2              | -              | 5,756            | 3,086            | 7,693            | 7,080            |
| New Hampshire .....                 | -              | -              | 2,826            | 4,088            | 1,599            | 1,309            |
| Rhode Island .....                  | -              | -              | 362              | 108              | 1,261            | 1,532            |
| Vermont .....                       | -              | -              | 7,258            | 7,349            | 144              | 1,895            |
| <b>Subdistrict IB Total</b> .....   | <b>5,383</b>   | <b>13,830</b>  | <b>125,148</b>   | <b>118,998</b>   | <b>103,186</b>   | <b>112,622</b>   |
| Delaware .....                      | 2,488          | 4,642          | 7,544            | 7,983            | 8,741            | 5,725            |
| District of Columbia .....          | -              | -              | -                | -                | 22,854           | 16,552           |
| Maryland .....                      | 16             | 4              | 26,397           | 25,025           | 20,865           | 21,122           |
| New Jersey .....                    | 233            | 3,115          | 15,584           | 9,149            | 7,649            | 9,179            |
| New York .....                      | 9              | 7              | 42,093           | 46,484           | 2,723            | 3,852            |
| Pennsylvania .....                  | 2,637          | 6,063          | 33,530           | 30,358           | 40,354           | 56,192           |
| <b>Subdistrict IC Total</b> .....   | <b>5,269</b>   | <b>6,803</b>   | <b>326,619</b>   | <b>328,516</b>   | <b>233,252</b>   | <b>262,903</b>   |
| Florida .....                       | 223            | 339            | 119,507          | 107,880          | 142,351          | 131,454          |
| Georgia .....                       | 810            | 331            | 105,295          | 116,912          | 24,740           | 34,454           |
| North Carolina .....                | 124            | 170            | 39,755           | 44,474           | 23,587           | 43,122           |
| South Carolina .....                | -              | 110            | 14,823           | 16,543           | 14,546           | 20,785           |
| Virginia .....                      | 3              | 653            | 42,051           | 39,824           | 14,473           | 18,421           |
| West Virginia .....                 | 4,108          | 5,200          | 5,188            | 2,883            | 13,555           | 14,667           |
| <b>PAD District II Total</b> .....  | <b>30,342</b>  | <b>44,225</b>  | <b>1,602,708</b> | <b>1,708,468</b> | <b>217,128</b>   | <b>171,458</b>   |
| Illinois .....                      | 308            | 1,493          | 153,584          | 177,252          | 12,809           | 11,695           |
| Indiana .....                       | 2,510          | 2,780          | 80,024           | 76,566           | 46,077           | 22,150           |
| Iowa .....                          | -              | -              | 188,729          | 220,555          | 11,950           | 5,341            |
| Kansas .....                        | 5,196          | 7,317          | 165,958          | 151,032          | 14,043           | 10,765           |
| Kentucky .....                      | 472            | 789            | 30,759           | 31,422           | 8,405            | 8,935            |
| Michigan .....                      | 333            | -              | 84,241           | 72,917           | 28,294           | 21,637           |
| Minnesota .....                     | -              | 4              | 138,167          | 117,553          | 8,651            | 6,020            |
| Missouri .....                      | 53             | 10             | 79,355           | 68,779           | 16,523           | 11,715           |
| Nebraska .....                      | 24             | -              | 150,585          | 174,933          | 4,094            | 3,298            |
| North Dakota .....                  | 1,756          | 5,944          | 86,362           | 101,285          | 2,437            | 2,472            |
| Ohio .....                          | 309            | 2,383          | 74,932           | 73,038           | 41,708           | 36,105           |
| Oklahoma .....                      | 19,294         | 23,469         | 73,460           | 78,077           | 1,365            | 2,699            |
| South Dakota .....                  | 85             | 27             | 70,543           | 67,105           | 849              | 3,173            |
| Tennessee .....                     | -              | 8              | 37,539           | 41,403           | 13,467           | 20,455           |
| Wisconsin .....                     | 2              | -              | 188,472          | 256,551          | 6,455            | 4,997            |
| <b>PAD District III Total</b> ..... | <b>504,727</b> | <b>543,958</b> | <b>606,617</b>   | <b>535,423</b>   | <b>41,806</b>    | <b>249,290</b>   |
| Alabama .....                       | 665            | 131            | 25,544           | 21,131           | 8,131            | 10,012           |
| Arkansas .....                      | 1,802          | 1,493          | 95,230           | 98,797           | 14,709           | 5,153            |
| Louisiana .....                     | 257,987        | 285,438        | 79,777           | 78,203           | 3,090            | 16,776           |
| Mississippi .....                   | 4,065          | 3,567          | 72,362           | 69,089           | 2,587            | 2,695            |
| New Mexico .....                    | 15,498         | 27,428         | 23,684           | 14,714           | 2,573            | 2,903            |
| Texas .....                         | 224,709        | 225,901        | 310,020          | 253,491          | 10,716           | 211,751          |
| <b>PAD District IV Total</b> .....  | <b>20,453</b>  | <b>24,328</b>  | <b>183,473</b>   | <b>183,375</b>   | <b>8,571</b>     | <b>10,868</b>    |
| Colorado .....                      | 5,313          | 5,738          | 50,591           | 50,254           | 3,062            | 5,989            |
| Idaho .....                         | -              | -              | 50,475           | 51,551           | 9                | 17               |
| Montana .....                       | 2,105          | 1,901          | 51,885           | 48,997           | 94               | 17               |
| Utah .....                          | 1,889          | 2,697          | 12,985           | 14,349           | 2,003            | 1,744            |
| Wyoming .....                       | 11,147         | 13,992         | 17,537           | 18,224           | 3,403            | 3,100            |
| <b>PAD District V Total</b> .....   | <b>92,852</b>  | <b>53,017</b>  | <b>538,298</b>   | <b>553,717</b>   | <b>198,639</b>   | <b>193,503</b>   |
| Alaska .....                        | 79,725         | 40,834         | 16               | 50               | 66,896           | 46,232           |
| Arizona .....                       | 86             | 112            | 32,399           | 26,226           | 5,826            | 9,674            |
| California .....                    | 11,759         | 9,840          | 393,575          | 400,500          | 7,841            | 10,124           |
| Hawaii .....                        | 94             | 71             | 11,127           | 12,009           | 111,661          | 115,238          |
| Nevada .....                        | 51             | 52             | 6,520            | 7,182            | 1,251            | 1,097            |
| Oregon .....                        | 269            | 678            | 50,347           | 67,335           | 2,292            | 6,157            |
| Washington .....                    | 870            | 1,430          | 44,313           | 40,416           | 2,872            | 4,983            |

See footnotes at end of table.

Table 4. Sales of Distillate Fuel Oil by End Use, 1999 and 2000 (Continued)

(Thousand Gallons)

| Destination                         | Railroad         |                  | Vessel Bunkering |                  | On-Highway        |                   |
|-------------------------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|
|                                     | 1999             | 2000             | 1999             | 2000             | 1999              | 2000              |
| <b>U.S. Total</b> .....             | <b>3,239,044</b> | <b>3,290,507</b> | <b>2,419,336</b> | <b>2,261,422</b> | <b>32,062,447</b> | <b>33,129,664</b> |
| <b>PAD District I Total</b> .....   | <b>464,528</b>   | <b>547,557</b>   | <b>501,069</b>   | <b>536,999</b>   | <b>9,939,376</b>  | <b>10,228,244</b> |
| <b>Subdistrict IA Total</b> .....   | <b>22,713</b>    | <b>35,462</b>    | <b>46,506</b>    | <b>41,186</b>    | <b>1,007,035</b>  | <b>994,438</b>    |
| Connecticut .....                   | 7,510            | 11,415           | 4,574            | 3,029            | 235,423           | 223,858           |
| Maine .....                         | 1,864            | 3,220            | 6,816            | 7,855            | 148,739           | 165,548           |
| Massachusetts .....                 | 12,001           | 19,783           | 22,943           | 23,061           | 377,063           | 398,877           |
| New Hampshire .....                 | 2                | 3                | 607              | 785              | 103,255           | 99,104            |
| Rhode Island .....                  | 303              | -                | 11,111           | 5,837            | 55,570            | 54,105            |
| Vermont .....                       | 1,032            | 1,041            | 455              | 619              | 86,985            | 52,946            |
| <b>Subdistrict IB Total</b> .....   | <b>117,168</b>   | <b>185,720</b>   | <b>175,665</b>   | <b>204,600</b>   | <b>3,673,911</b>  | <b>3,659,966</b>  |
| Delaware .....                      | 553              | 194              | 3,642            | 35,892           | 57,458            | 58,093            |
| District of Columbia .....          | 3,775            | 3,997            | 3                | 3                | 22,114            | 23,124            |
| Maryland .....                      | 8,371            | 5,788            | 31,538           | 29,070           | 486,350           | 499,287           |
| New Jersey .....                    | 18,628           | 16,869           | 87,992           | 100,743          | 769,039           | 784,719           |
| New York .....                      | 33,253           | 46,503           | 15,397           | 15,873           | 1,011,088         | 946,272           |
| Pennsylvania .....                  | 52,589           | 112,369          | 37,094           | 23,020           | 1,327,862         | 1,348,471         |
| <b>Subdistrict IC Total</b> .....   | <b>324,647</b>   | <b>326,375</b>   | <b>278,898</b>   | <b>291,213</b>   | <b>5,258,430</b>  | <b>5,573,840</b>  |
| Florida .....                       | 133,681          | 118,877          | 146,853          | 137,188          | 1,239,423         | 1,274,869         |
| Georgia .....                       | 77,197           | 75,925           | 18,588           | 25,642           | 1,322,651         | 1,381,691         |
| North Carolina .....                | 56,616           | 65,877           | 11,848           | 9,560            | 879,015           | 1,017,088         |
| South Carolina .....                | 13,708           | 16,858           | 13,373           | 13,893           | 590,776           | 617,908           |
| Virginia .....                      | 33,824           | 37,893           | 30,927           | 42,152           | 952,594           | 992,580           |
| West Virginia .....                 | 9,621            | 10,946           | 57,308           | 62,778           | 273,971           | 289,704           |
| <b>PAD District II Total</b> .....  | <b>1,312,935</b> | <b>1,306,816</b> | <b>664,522</b>   | <b>319,399</b>   | <b>10,776,359</b> | <b>11,140,616</b> |
| Illinois .....                      | 143,077          | 114,022          | 44,071           | 50,480           | 1,292,335         | 1,275,542         |
| Indiana .....                       | 84,260           | 79,742           | 45,157           | 46,431           | 1,228,811         | 1,272,013         |
| Iowa .....                          | 43,678           | 27,296           | 8,258            | 5,571            | 494,842           | 496,774           |
| Kansas .....                        | 71,446           | 56,907           | -                | 1,014            | 374,267           | 359,912           |
| Kentucky .....                      | 114,757          | 108,346          | 94,889           | 85,863           | 703,236           | 828,750           |
| Michigan .....                      | 55,112           | 46,642           | 4,572            | 5,244            | 905,067           | 911,342           |
| Minnesota .....                     | 70,984           | 66,504           | 6,862            | 4,541            | 604,536           | 656,568           |
| Missouri .....                      | 30,656           | 31,795           | 402,846          | 65,838           | 862,295           | 917,569           |
| Nebraska .....                      | 222,721          | 75,165           | 66               | 23               | 359,379           | 362,705           |
| North Dakota .....                  | 52,666           | 40,943           | -                | -                | 141,280           | 141,486           |
| Ohio .....                          | 93,521           | 158,541          | 3,389            | 3,809            | 1,516,451         | 1,504,632         |
| Oklahoma .....                      | 218,497          | 351,994          | 712              | 202              | 616,296           | 728,583           |
| South Dakota .....                  | 5,253            | 4,400            | -                | -                | 145,298           | 146,170           |
| Tennessee .....                     | 51,130           | 87,416           | 50,879           | 46,841           | 860,020           | 889,379           |
| Wisconsin .....                     | 55,177           | 57,103           | 2,822            | 3,543            | 672,246           | 649,191           |
| <b>PAD District III Total</b> ..... | <b>732,550</b>   | <b>665,606</b>   | <b>856,429</b>   | <b>1,002,114</b> | <b>5,376,448</b>  | <b>5,643,703</b>  |
| Alabama .....                       | 45,576           | 46,492           | 72,960           | 83,146           | 742,059           | 766,750           |
| Arkansas .....                      | 50,893           | 44,058           | 4,750            | 121              | 556,238           | 586,466           |
| Louisiana .....                     | 29,139           | 43,885           | 482,257          | 542,696          | 585,564           | 579,895           |
| Mississippi .....                   | 15,431           | 21,029           | 13,789           | 32,109           | 555,765           | 512,739           |
| New Mexico .....                    | 256              | 5,783            | -                | -                | 398,559           | 404,044           |
| Texas .....                         | 591,256          | 504,360          | 282,673          | 344,042          | 2,538,263         | 2,793,809         |
| <b>PAD District IV Total</b> .....  | <b>251,806</b>   | <b>286,651</b>   | <b>403</b>       | <b>144</b>       | <b>1,484,538</b>  | <b>1,474,611</b>  |
| Colorado .....                      | 47,204           | 40,984           | -                | -                | 437,787           | 461,178           |
| Idaho .....                         | 27,664           | 38,929           | 236              | 124              | 214,688           | 215,438           |
| Montana .....                       | 57,879           | 65,801           | -                | -                | 187,434           | 189,707           |
| Utah .....                          | 21,762           | 27,837           | 33               | 20               | 300,016           | 337,256           |
| Wyoming .....                       | 97,297           | 113,100          | 134              | -                | 344,613           | 271,032           |
| <b>PAD District V Total</b> .....   | <b>477,225</b>   | <b>483,878</b>   | <b>396,913</b>   | <b>402,765</b>   | <b>4,485,726</b>  | <b>4,642,490</b>  |
| Alaska .....                        | 5,943            | 6,303            | 128,131          | 126,573          | 75,031            | 90,999            |
| Arizona .....                       | 4,051            | 6,141            | 33               | 35               | 660,624           | 630,293           |
| California .....                    | 272,045          | 298,536          | 130,368          | 158,566          | 2,458,325         | 2,632,760         |
| Hawaii .....                        | -                | -                | 27,993           | 21,188           | 32,680            | 33,506            |
| Nevada .....                        | 6,982            | 11,082           | -                | -                | 261,630           | 263,275           |
| Oregon .....                        | 116,791          | 118,846          | 17,841           | 15,056           | 428,584           | 429,014           |
| Washington .....                    | 71,413           | 42,970           | 92,547           | 81,348           | 568,852           | 562,643           |

See footnotes at end of table.

**Table 4. Sales of Distillate Fuel Oil by End Use, 1999 and 2000 (Continued)**

(Thousand Gallons)

| Destination                         | Military       |                | Off-Highway      |                  | All Other |          | Total             |                   |
|-------------------------------------|----------------|----------------|------------------|------------------|-----------|----------|-------------------|-------------------|
|                                     | 1999           | 2000           | 1999             | 2000             | 1999      | 2000     | 1999              | 2000              |
| <b>U.S. Total</b> .....             | <b>356,602</b> | <b>306,170</b> | <b>2,490,492</b> | <b>2,589,383</b> | <b>-</b>  | <b>-</b> | <b>57,573,018</b> | <b>59,601,230</b> |
| <b>PAD District I Total</b> .....   | <b>70,890</b>  | <b>77,568</b>  | <b>680,622</b>   | <b>733,955</b>   | <b>-</b>  | <b>-</b> | <b>20,682,755</b> | <b>21,982,691</b> |
| <b>Subdistrict IA Total</b> .....   | <b>6,097</b>   | <b>9,251</b>   | <b>68,267</b>    | <b>67,107</b>    | <b>-</b>  | <b>-</b> | <b>3,942,619</b>  | <b>4,203,572</b>  |
| Connecticut .....                   | 792            | 2,251          | 11,833           | 15,121           | -         | -        | 974,942           | 1,032,867         |
| Maine .....                         | 3,013          | 4,797          | 15,050           | 10,731           | -         | -        | 660,870           | 672,048           |
| Massachusetts .....                 | 487            | 208            | 27,779           | 21,673           | -         | -        | 1,434,621         | 1,618,425         |
| New Hampshire .....                 | 1,027          | 1,816          | 6,787            | 13,211           | -         | -        | 391,841           | 413,493           |
| Rhode Island .....                  | 302            | 34             | 3,606            | 2,680            | -         | -        | 241,742           | 239,852           |
| Vermont .....                       | 476            | 145            | 3,212            | 3,691            | -         | -        | 238,603           | 226,886           |
| <b>Subdistrict IB Total</b> .....   | <b>23,865</b>  | <b>25,914</b>  | <b>201,559</b>   | <b>218,718</b>   | <b>-</b>  | <b>-</b> | <b>8,630,972</b>  | <b>9,169,034</b>  |
| Delaware .....                      | 351            | 417            | 6,617            | 5,997            | -         | -        | 146,605           | 183,734           |
| District of Columbia .....          | 195            | 4,871          | 6,220            | 1,460            | -         | -        | 79,275            | 84,288            |
| Maryland .....                      | 4,184          | 4,451          | 27,089           | 41,735           | -         | -        | 961,385           | 979,957           |
| New Jersey .....                    | 1,078          | 702            | 37,727           | 38,291           | -         | -        | 1,592,589         | 1,587,812         |
| New York .....                      | 5,943          | 4,699          | 50,315           | 48,263           | -         | -        | 3,096,749         | 3,376,053         |
| Pennsylvania .....                  | 12,113         | 10,772         | 73,590           | 82,971           | -         | -        | 2,754,369         | 2,957,190         |
| <b>Subdistrict IC Total</b> .....   | <b>40,928</b>  | <b>42,403</b>  | <b>410,797</b>   | <b>448,130</b>   | <b>-</b>  | <b>-</b> | <b>8,109,163</b>  | <b>8,610,086</b>  |
| Florida .....                       | 9,693          | 14,358         | 103,184          | 117,422          | -         | -        | 2,038,442         | 2,072,062         |
| Georgia .....                       | 4,448          | 3,232          | 114,403          | 101,275          | -         | -        | 1,779,807         | 1,863,240         |
| North Carolina .....                | 12,048         | 3,229          | 56,790           | 67,051           | -         | -        | 1,385,146         | 1,584,039         |
| South Carolina .....                | 2,067          | 1,749          | 48,933           | 55,883           | -         | -        | 800,151           | 824,344           |
| Virginia .....                      | 12,340         | 19,666         | 70,782           | 87,210           | -         | -        | 1,580,557         | 1,720,085         |
| West Virginia .....                 | 333            | 170            | 16,705           | 19,289           | -         | -        | 525,061           | 546,316           |
| <b>PAD District II Total</b> .....  | <b>42,116</b>  | <b>38,262</b>  | <b>688,477</b>   | <b>644,728</b>   | <b>-</b>  | <b>-</b> | <b>17,421,548</b> | <b>17,278,885</b> |
| Illinois .....                      | 8,213          | 957            | 87,315           | 92,657           | -         | -        | 1,915,600         | 1,884,184         |
| Indiana .....                       | 4,013          | 302            | 35,415           | 50,519           | -         | -        | 1,763,324         | 1,762,952         |
| Iowa .....                          | 571            | 193            | 42,775           | 30,665           | -         | -        | 867,048           | 842,497           |
| Kansas .....                        | 206            | 485            | 23,792           | 25,221           | -         | -        | 695,570           | 651,881           |
| Kentucky .....                      | 2,393          | 1,015          | 45,936           | 44,779           | -         | -        | 1,214,897         | 1,298,737         |
| Michigan .....                      | 488            | 449            | 77,439           | 65,133           | -         | -        | 1,406,217         | 1,360,620         |
| Minnesota .....                     | 1,592          | 566            | 52,982           | 47,636           | -         | -        | 1,059,937         | 1,087,751         |
| Missouri .....                      | 4,761          | 3,196          | 74,770           | 55,851           | -         | -        | 1,591,982         | 1,252,940         |
| Nebraska .....                      | 3,063          | 1,114          | 18,104           | 19,641           | -         | -        | 788,596           | 655,701           |
| North Dakota .....                  | 568            | 417            | 9,586            | 10,646           | -         | -        | 333,602           | 341,482           |
| Ohio .....                          | 5,015          | 22,227         | 82,356           | 65,771           | -         | -        | 2,126,387         | 2,147,806         |
| Oklahoma .....                      | 152            | 372            | 27,705           | 40,018           | -         | -        | 982,724           | 1,241,529         |
| South Dakota .....                  | 2,315          | 29             | 10,757           | 10,796           | -         | -        | 267,880           | 262,607           |
| Tennessee .....                     | 1,818          | 631            | 47,555           | 38,373           | -         | -        | 1,147,469         | 1,207,205         |
| Wisconsin .....                     | 6,949          | 6,309          | 51,991           | 47,023           | -         | -        | 1,260,313         | 1,280,992         |
| <b>PAD District III Total</b> ..... | <b>129,681</b> | <b>8,971</b>   | <b>504,807</b>   | <b>501,370</b>   | <b>-</b>  | <b>-</b> | <b>9,373,017</b>  | <b>9,895,324</b>  |
| Alabama .....                       | 2,162          | 2,439          | 63,232           | 52,319           | -         | -        | 1,062,093         | 1,071,461         |
| Arkansas .....                      | 1,244          | 196            | 45,635           | 62,282           | -         | -        | 795,913           | 829,560           |
| Louisiana .....                     | 4,780          | 2,491          | 90,623           | 81,483           | -         | -        | 1,604,831         | 1,707,045         |
| Mississippi .....                   | 3,098          | 2,588          | 43,092           | 35,276           | -         | -        | 776,408           | 726,712           |
| New Mexico .....                    | 1,336          | 315            | 23,352           | 22,812           | -         | -        | 514,069           | 524,862           |
| Texas .....                         | 117,062        | 942            | 238,874          | 247,198          | -         | -        | 4,619,702         | 5,035,684         |
| <b>PAD District IV Total</b> .....  | <b>2,724</b>   | <b>3,463</b>   | <b>171,616</b>   | <b>149,815</b>   | <b>-</b>  | <b>-</b> | <b>2,451,648</b>  | <b>2,451,704</b>  |
| Colorado .....                      | 499            | 659            | 59,721           | 68,026           | -         | -        | 666,322           | 682,120           |
| Idaho .....                         | 632            | 511            | 32,051           | 25,275           | -         | -        | 395,826           | 397,597           |
| Montana .....                       | 195            | 49             | 17,581           | 17,526           | -         | -        | 349,791           | 353,038           |
| Utah .....                          | 1,217          | 2,181          | 30,653           | 22,831           | -         | -        | 433,885           | 464,690           |
| Wyoming .....                       | 181            | 63             | 31,611           | 16,157           | -         | -        | 605,825           | 554,259           |
| <b>PAD District V Total</b> .....   | <b>111,190</b> | <b>177,906</b> | <b>444,970</b>   | <b>559,515</b>   | <b>-</b>  | <b>-</b> | <b>7,644,051</b>  | <b>7,992,626</b>  |
| Alaska .....                        | 8,111          | 9,524          | 36,308           | 21,080           | -         | -        | 578,491           | 506,229           |
| Arizona .....                       | -              | -              | 66,936           | 64,247           | -         | -        | 896,984           | 870,106           |
| California .....                    | 12,641         | 11,397         | 187,424          | 340,380          | -         | -        | 3,665,459         | 4,080,175         |
| Hawaii .....                        | 31,180         | 16,871         | 5,594            | 5,539            | -         | -        | 234,007           | 217,208           |
| Nevada .....                        | 989            | 1,183          | 12,146           | 25,386           | -         | -        | 417,762           | 427,746           |
| Oregon .....                        | 3,091          | 1,490          | 38,704           | 43,494           | -         | -        | 774,458           | 815,891           |
| Washington .....                    | 55,178         | 137,442        | 97,859           | 59,389           | -         | -        | 1,076,890         | 1,075,271         |

<sup>E</sup> Estimated data.

Dashes (-) = No data reported.

Note: Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1999 and 2000.

• On-Highway Diesel data are derived from Federal Highway Administration statistics of highway special fuels use.

**Table 5. Sales of Residual Fuel Oil by End Use, 1999 and 2000**

(Thousand Gallons)

| Destination                         | Commercial     |                | Industrial       |                  | Oil Company    |                | Electric Utility |                  |
|-------------------------------------|----------------|----------------|------------------|------------------|----------------|----------------|------------------|------------------|
|                                     | 1999           | 2000           | 1999             | 2000             | 1999           | 2000           | 1999             | 2000             |
| <b>U.S. Total</b> .....             | <b>645,927</b> | <b>664,360</b> | <b>1,700,054</b> | <b>1,585,140</b> | <b>123,984</b> | <b>153,522</b> | <b>4,990,083</b> | <b>4,362,680</b> |
| <b>PAD District I Total</b> .....   | <b>614,904</b> | <b>637,196</b> | <b>1,288,308</b> | <b>1,187,600</b> | <b>81,098</b>  | <b>73,228</b>  | <b>4,162,866</b> | <b>3,603,559</b> |
| <b>Subdistrict IA Total</b> .....   | <b>114,759</b> | <b>114,156</b> | <b>420,524</b>   | <b>355,553</b>   | -              | -              | <b>734,224</b>   | <b>458,707</b>   |
| Connecticut .....                   | 11,636         | 9,943          | 22,351           | 17,053           | -              | -              | 485,561          | 140,360          |
| Maine .....                         | 6,019          | 11,535         | 292,577          | 242,403          | -              | -              | 56,607           | 34,323           |
| Massachusetts .....                 | 65,609         | 63,281         | 49,825           | 50,014           | -              | -              | 48,092           | 240,710          |
| New Hampshire .....                 | 6,968          | 5,680          | 32,816           | 24,909           | -              | -              | 126,544          | 19,684           |
| Rhode Island .....                  | 20,578         | 19,094         | 14,750           | 11,713           | -              | -              | 17,421           | 23,631           |
| Vermont .....                       | 3,949          | 4,623          | 8,204            | 9,461            | -              | -              | -                | -                |
| <b>Subdistrict IB Total</b> .....   | <b>483,271</b> | <b>495,051</b> | <b>247,203</b>   | <b>226,604</b>   | <b>80,845</b>  | <b>73,228</b>  | <b>1,356,915</b> | <b>880,352</b>   |
| Delaware .....                      | 5,511          | 10,306         | 43,336           | 29,936           | 21,452         | 35,602         | 68,127           | 27,759           |
| District of Columbia .....          | 99             | 25             | -                | 4                | -              | -              | -                | -                |
| Maryland .....                      | 2,889          | 3,963          | 32,053           | 24,311           | 768            | 644            | 284,549          | 87,119           |
| New Jersey .....                    | 32,722         | 21,824         | 28,483           | 25,041           | 6,595          | 1,884          | 158,420          | 135,776          |
| New York .....                      | 412,137        | 430,023        | 89,040           | 90,733           | 876            | 722            | 695,779          | 532,620          |
| Pennsylvania .....                  | 29,913         | 28,910         | 54,289           | 56,580           | 51,154         | 34,374         | 150,040          | 97,078           |
| <b>Subdistrict IC Total</b> .....   | <b>16,873</b>  | <b>27,989</b>  | <b>620,582</b>   | <b>605,442</b>   | <b>253</b>     | -              | <b>2,071,726</b> | <b>2,264,500</b> |
| Florida .....                       | 721            | 695            | 172,282          | 153,381          | -              | -              | 1,928,056        | 2,135,432        |
| Georgia .....                       | 11             | 219            | 58,345           | 59,270           | -              | -              | 6,522            | 23,639           |
| North Carolina .....                | 5,553          | 5,135          | 228,616          | 215,221          | -              | -              | 50               | -                |
| South Carolina .....                | 532            | 2,299          | 61,951           | 79,096           | 109            | -              | 5,650            | 4,865            |
| Virginia .....                      | 10,057         | 19,641         | 94,248           | 85,128           | 145            | -              | 131,448          | 100,564          |
| West Virginia .....                 | -              | -              | 5,139            | 13,347           | -              | -              | -                | -                |
| <b>PAD District II Total</b> .....  | <b>25,393</b>  | <b>21,549</b>  | <b>206,036</b>   | <b>229,484</b>   | <b>20,544</b>  | <b>23,443</b>  | <b>106,987</b>   | <b>74,402</b>    |
| Illinois .....                      | 4,335          | 636            | 8,684            | 10,451           | -              | 637            | 18,136           | 9,471            |
| Indiana .....                       | 132            | 71             | 17,374           | 21,150           | 2              | -              | -                | -                |
| Iowa .....                          | -              | 115            | 5,554            | 6,389            | -              | -              | -                | 247              |
| Kansas .....                        | -              | 144            | 12,369           | 18,297           | -              | -              | 8,692            | 9,446            |
| Kentucky .....                      | 40             | 371            | 4,247            | 3,712            | -              | -              | -                | 30               |
| Michigan .....                      | 146            | 218            | 12,788           | 23,510           | 5,573          | 4,812          | 77,537           | 52,237           |
| Minnesota .....                     | 8,587          | 6,252          | 15,167           | 19,563           | 6,680          | 6,424          | 2,327            | 2,492            |
| Missouri .....                      | 1,464          | 1,430          | 6,044            | 3,280            | -              | -              | -                | 128              |
| Nebraska .....                      | 162            | 376            | 3,850            | 5,257            | -              | -              | -                | -                |
| North Dakota .....                  | 827            | 562            | 2,554            | 2,992            | -              | -              | 296              | 351              |
| Ohio .....                          | -              | -              | 62,293           | 64,116           | 3,775          | 3,627          | -                | -                |
| Oklahoma .....                      | -              | -              | 6,154            | 7,899            | -              | 2,902          | -                | -                |
| South Dakota .....                  | 429            | 3,161          | 4,444            | 2,890            | -              | -              | -                | -                |
| Tennessee .....                     | -              | -              | 2,755            | 2,997            | -              | -              | -                | -                |
| Wisconsin .....                     | 9,272          | 8,214          | 41,760           | 36,981           | 4,514          | 5,042          | -                | -                |
| <b>PAD District III Total</b> ..... | -              | <b>9</b>       | <b>143,532</b>   | <b>146,605</b>   | -              | <b>1,948</b>   | <b>250,328</b>   | <b>239,989</b>   |
| Alabama .....                       | -              | 9              | 32,884           | 59,070           | -              | 1,948          | -                | -                |
| Arkansas .....                      | -              | -              | 924              | 405              | -              | -              | 4,768            | 9,138            |
| Louisiana .....                     | -              | -              | 66,149           | 62,372           | -              | -              | 32,723           | 29,505           |
| Mississippi .....                   | -              | -              | 635              | 317              | -              | -              | 212,837          | 195,444          |
| New Mexico .....                    | -              | -              | 7,786            | 6,136            | -              | -              | -                | -                |
| Texas .....                         | -              | -              | 35,153           | 18,305           | -              | -              | -                | 5,902            |
| <b>PAD District IV Total</b> .....  | <b>720</b>     | <b>783</b>     | <b>4,064</b>     | <b>3,616</b>     | <b>511</b>     | -              | -                | -                |
| Colorado .....                      | 60             | -              | 47               | -                | -              | -              | -                | -                |
| Idaho .....                         | -              | -              | 333              | 90               | -              | -              | -                | -                |
| Montana .....                       | 122            | 30             | 512              | -                | 489            | -              | -                | -                |
| Utah .....                          | 539            | 743            | 2,756            | 2,485            | 22             | -              | -                | -                |
| Wyoming .....                       | -              | 11             | 417              | 1,041            | -              | -              | -                | -                |
| <b>PAD District V Total</b> .....   | <b>4,910</b>   | <b>4,823</b>   | <b>58,114</b>    | <b>17,836</b>    | <b>21,831</b>  | <b>54,903</b>  | <b>469,902</b>   | <b>444,730</b>   |
| Alaska .....                        | -              | -              | -                | -                | -              | -              | -                | -                |
| Arizona .....                       | -              | -              | 1,516            | 1,052            | -              | -              | -                | -                |
| California .....                    | -              | 23             | 27,582           | 4,914            | 3,979          | -              | -                | 1,172            |
| Hawaii .....                        | 319            | 380            | 602              | 1,392            | 17,818         | 18,567         | 469,902          | 443,558          |
| Nevada .....                        | 372            | 382            | 1,048            | -                | -              | -              | -                | -                |
| Oregon .....                        | 2,652          | 2,803          | 7,926            | 6,275            | 34             | 39             | -                | -                |
| Washington .....                    | 1,567          | 1,234          | 19,441           | 4,205            | 1              | 36,298         | -                | -                |

See footnotes at end of table.

**Table 5. Sales of Residual Fuel Oil by End Use, 1999 and 2000 (Continued)**

(Thousand Gallons)

| Destination                         | Vessel Bunkering |                  | Military      |               | All Other    |              | Total             |                   |
|-------------------------------------|------------------|------------------|---------------|---------------|--------------|--------------|-------------------|-------------------|
|                                     | 1999             | 2000             | 1999          | 2000          | 1999         | 2000         | 1999              | 2000              |
| <b>U.S. Total</b> .....             | <b>5,838,128</b> | <b>6,409,863</b> | <b>25,702</b> | <b>28,427</b> | <b>4,181</b> | <b>6,942</b> | <b>13,328,058</b> | <b>13,210,935</b> |
| <b>PAD District I Total</b> .....   | <b>1,683,393</b> | <b>2,004,495</b> | <b>20,468</b> | <b>14,069</b> | <b>4,028</b> | <b>6,848</b> | <b>7,855,065</b>  | <b>7,526,995</b>  |
| <b>Subdistrict IA Total</b> .....   | <b>6,286</b>     | <b>55,436</b>    | <b>6,148</b>  | <b>2,136</b>  | <b>145</b>   | <b>385</b>   | <b>1,282,087</b>  | <b>986,373</b>    |
| Connecticut .....                   | 24               | 428              | 657           | 563           | 59           | 262          | 520,289           | 168,610           |
| Maine .....                         | 5,098            | 30,421           | 5,246         | 1,348         | -            | -            | 365,547           | 320,029           |
| Massachusetts .....                 | 973              | 24,338           | 216           | 225           | 43           | 122          | 164,757           | 378,690           |
| New Hampshire .....                 | 8                | -                | 29            | -             | -            | -            | 166,365           | 50,273            |
| Rhode Island .....                  | 183              | 250              | -             | -             | -            | -            | 52,932            | 54,688            |
| Vermont .....                       | -                | -                | -             | -             | 43           | -            | 12,196            | 14,083            |
| <b>Subdistrict IB Total</b> .....   | <b>1,122,892</b> | <b>1,243,375</b> | <b>9,408</b>  | <b>9,543</b>  | -            | -            | <b>3,300,534</b>  | <b>2,928,153</b>  |
| Delaware .....                      | 96,415           | 74,076           | 155           | 495           | -            | -            | 234,996           | 178,174           |
| District of Columbia .....          | -                | -                | -             | -             | -            | -            | 99                | 29                |
| Maryland .....                      | 49,515           | 30,814           | 4,616         | 5,061         | -            | -            | 374,390           | 151,913           |
| New Jersey .....                    | 358,109          | 556,968          | 777           | 616           | -            | -            | 585,108           | 742,110           |
| New York .....                      | 344,084          | 367,467          | 1,463         | 3,117         | -            | -            | 1,543,380         | 1,424,681         |
| Pennsylvania .....                  | 274,769          | 214,050          | 2,396         | 253           | -            | -            | 562,561           | 431,246           |
| <b>Subdistrict IC Total</b> .....   | <b>554,214</b>   | <b>705,684</b>   | <b>4,911</b>  | <b>2,390</b>  | <b>3,883</b> | <b>6,463</b> | <b>3,272,444</b>  | <b>3,612,469</b>  |
| Florida .....                       | 421,520          | 455,019          | -             | -             | 3,583        | 6,019        | 2,526,162         | 2,750,546         |
| Georgia .....                       | 41,833           | 37,517           | -             | -             | -            | -            | 106,711           | 120,644           |
| North Carolina .....                | 7,288            | 5,830            | -             | -             | 300          | 444          | 241,807           | 226,630           |
| South Carolina .....                | 20,913           | 17,013           | -             | -             | -            | -            | 89,155            | 103,273           |
| Virginia .....                      | 62,661           | 190,305          | 4,911         | 2,390         | -            | -            | 303,470           | 398,028           |
| West Virginia .....                 | -                | -                | -             | -             | -            | -            | 5,139             | 13,347            |
| <b>PAD District II Total</b> .....  | <b>18,069</b>    | <b>28,070</b>    | <b>718</b>    | <b>3,341</b>  | <b>76</b>    | <b>45</b>    | <b>377,823</b>    | <b>380,334</b>    |
| Illinois .....                      | 1,372            | 868              | 302           | 3,341         | 39           | -            | 32,867            | 25,404            |
| Indiana .....                       | 13,606           | 13,767           | -             | -             | -            | -            | 31,114            | 34,988            |
| Iowa .....                          | -                | -                | -             | -             | -            | -            | 5,554             | 6,751             |
| Kansas .....                        | -                | -                | 416           | -             | -            | -            | 21,477            | 27,887            |
| Kentucky .....                      | -                | -                | -             | -             | -            | -            | 4,287             | 4,112             |
| Michigan .....                      | 1,993            | 2,185            | -             | -             | 37           | 45           | 98,073            | 83,007            |
| Minnesota .....                     | 70               | 10,119           | -             | -             | -            | -            | 32,830            | 44,850            |
| Missouri .....                      | 267              | 266              | -             | -             | -            | -            | 7,775             | 5,104             |
| Nebraska .....                      | -                | -                | -             | -             | -            | -            | 4,011             | 5,632             |
| North Dakota .....                  | -                | -                | -             | -             | -            | -            | 3,678             | 3,905             |
| Ohio .....                          | 400              | 559              | -             | -             | -            | -            | 66,468            | 68,302            |
| Oklahoma .....                      | -                | -                | -             | -             | -            | -            | 6,154             | 10,801            |
| South Dakota .....                  | -                | -                | -             | -             | -            | -            | 4,873             | 6,051             |
| Tennessee .....                     | -                | -                | -             | -             | -            | -            | 2,755             | 2,997             |
| Wisconsin .....                     | 361              | 306              | -             | -             | -            | -            | 55,907            | 50,542            |
| <b>PAD District III Total</b> ..... | <b>2,193,325</b> | <b>2,380,294</b> | <b>-</b>      | <b>11,017</b> | <b>33</b>    | <b>49</b>    | <b>2,587,218</b>  | <b>2,779,911</b>  |
| Alabama .....                       | 48,065           | 131,858          | -             | -             | -            | -            | 80,948            | 192,886           |
| Arkansas .....                      | -                | -                | -             | -             | -            | -            | 5,692             | 9,543             |
| Louisiana .....                     | 1,126,640        | 1,239,105        | -             | -             | -            | -            | 1,225,512         | 1,330,982         |
| Mississippi .....                   | 50,725           | 62,304           | -             | -             | -            | -            | 264,197           | 258,065           |
| New Mexico .....                    | -                | -                | -             | -             | 33           | 49           | 7,819             | 6,185             |
| Texas .....                         | 967,896          | 947,027          | -             | 11,017        | -            | -            | 1,003,049         | 982,252           |
| <b>PAD District IV Total</b> .....  | <b>-</b>         | <b>-</b>         | <b>-</b>      | <b>-</b>      | <b>43</b>    | <b>-</b>     | <b>5,338</b>      | <b>4,399</b>      |
| Colorado .....                      | -                | -                | -             | -             | -            | -            | 107               | -                 |
| Idaho .....                         | -                | -                | -             | -             | 1            | -            | 333               | 90                |
| Montana .....                       | -                | -                | -             | -             | -            | -            | 1,122             | 30                |
| Utah .....                          | -                | -                | -             | -             | 17           | -            | 3,334             | 3,228             |
| Wyoming .....                       | -                | -                | -             | -             | 25           | -            | 442               | 1,052             |
| <b>PAD District V Total</b> .....   | <b>1,943,342</b> | <b>1,997,004</b> | <b>4,516</b>  | <b>-</b>      | <b>-</b>     | <b>-</b>     | <b>2,502,615</b>  | <b>2,519,296</b>  |
| Alaska .....                        | 12,738           | 5,380            | -             | -             | -            | -            | 12,738            | 5,380             |
| Arizona .....                       | -                | -                | -             | -             | -            | -            | 1,516             | 1,052             |
| California .....                    | 1,285,508        | 1,529,648        | 1,021         | -             | -            | -            | 1,318,091         | 1,535,757         |
| Hawaii .....                        | 91,138           | 101,524          | 3,495         | -             | -            | -            | 583,273           | 565,420           |
| Nevada .....                        | -                | -                | -             | -             | -            | -            | 1,420             | 382               |
| Oregon .....                        | 132,370          | 57,831           | -             | -             | -            | -            | 142,981           | 66,948            |
| Washington .....                    | 421,588          | 302,621          | -             | -             | -            | -            | 442,596           | 344,357           |

Dashes (-) = No data reported.

Note: Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1999 and 2000.

**Table 6. Sales of Kerosene by End Use, 1999 and 2000**

(Thousand Gallons)

| Destination                   | Residential    |                | Commercial     |                | Industrial    |               |
|-------------------------------|----------------|----------------|----------------|----------------|---------------|---------------|
|                               | 1999           | 2000           | 1999           | 2000           | 1999          | 2000          |
| <b>U.S. Total</b>             | <b>823,436</b> | <b>700,532</b> | <b>199,577</b> | <b>219,633</b> | <b>58,279</b> | <b>86,844</b> |
| <b>PAD District I Total</b>   | <b>562,304</b> | <b>575,312</b> | <b>170,373</b> | <b>186,620</b> | <b>33,031</b> | <b>56,347</b> |
| <b>Subdistrict IA Total</b>   | <b>108,444</b> | <b>119,859</b> | <b>23,426</b>  | <b>18,957</b>  | <b>8,242</b>  | <b>12,666</b> |
| Connecticut                   | 7,413          | 8,358          | 3,424          | 4,978          | 4,045         | 8,013         |
| Maine                         | 64,632         | 70,596         | 5,651          | 5,719          | 604           | 485           |
| Massachusetts                 | 7,502          | 8,011          | 9,447          | 4,487          | 863           | 345           |
| New Hampshire                 | 15,828         | 16,492         | 1,755          | 1,995          | 303           | 282           |
| Rhode Island                  | 2,069          | 2,712          | 1,671          | 803            | 777           | 8             |
| Vermont                       | 11,000         | 13,691         | 1,478          | 975            | 1,650         | 3,533         |
| <b>Subdistrict IB Total</b>   | <b>242,254</b> | <b>255,053</b> | <b>117,764</b> | <b>138,001</b> | <b>16,853</b> | <b>31,149</b> |
| Delaware                      | 5,235          | 5,510          | 2,184          | 5,713          | 86            | 262           |
| District of Columbia          | 220            | 126            | 9,539          | 10,215         | -             | -             |
| Maryland                      | 21,983         | 21,221         | 10,682         | 15,226         | 1,216         | 979           |
| New Jersey                    | 11,324         | 12,542         | 52,261         | 49,946         | 8,817         | 18,012        |
| New York                      | 97,741         | 98,456         | 28,634         | 39,810         | 1,797         | 4,905         |
| Pennsylvania                  | 105,751        | 117,199        | 14,464         | 17,091         | 4,937         | 6,991         |
| <b>Subdistrict IC Total</b>   | <b>211,605</b> | <b>200,400</b> | <b>29,183</b>  | <b>29,662</b>  | <b>7,936</b>  | <b>12,532</b> |
| Florida                       | 6,762          | 4,163          | 2,574          | 1,186          | 1,667         | 3,369         |
| Georgia                       | 10,110         | 8,310          | 1,558          | 1,722          | 799           | 1,201         |
| North Carolina                | 83,371         | 83,110         | 7,753          | 9,820          | 1,200         | 1,778         |
| South Carolina                | 23,207         | 21,573         | 1,277          | 2,280          | 3,021         | 4,008         |
| Virginia                      | 65,027         | 68,945         | 13,327         | 11,604         | 796           | 1,316         |
| West Virginia                 | 23,128         | 14,299         | 2,694          | 3,050          | 453           | 860           |
| <b>PAD District II Total</b>  | <b>234,778</b> | <b>93,044</b>  | <b>20,027</b>  | <b>24,695</b>  | <b>13,998</b> | <b>15,403</b> |
| Illinois                      | 21,850         | 5,102          | 3,534          | 2,859          | 1,241         | 1,987         |
| Indiana                       | 55,789         | 15,098         | 1,721          | 2,007          | 1,021         | 755           |
| Iowa                          | 990            | 1,096          | 185            | 253            | 61            | 132           |
| Kansas                        | 14,537         | 830            | 157            | 216            | 200           | 195           |
| Kentucky                      | 36,286         | 13,270         | 2,799          | 2,926          | 4,509         | 3,093         |
| Michigan                      | 25,452         | 14,959         | 1,567          | 1,380          | 1,312         | 1,507         |
| Minnesota                     | 1,344          | 1,375          | 837            | 2,260          | 64            | 58            |
| Missouri                      | 2,298          | 2,889          | 733            | 933            | 341           | 446           |
| Nebraska                      | 268            | 335            | 57             | 44             | 9             | 2             |
| North Dakota                  | 710            | 118            | 31             | 62             | 10            | 34            |
| Ohio                          | 54,378         | 17,604         | 5,411          | 5,553          | 2,560         | 2,575         |
| Oklahoma                      | 376            | 2,474          | 487            | 1,349          | 237           | 569           |
| South Dakota                  | 179            | 149            | 30             | 33             | 12            | 18            |
| Tennessee                     | 17,768         | 15,887         | 2,192          | 4,419          | 2,018         | 3,676         |
| Wisconsin                     | 2,555          | 1,857          | 285            | 399            | 404           | 356           |
| <b>PAD District III Total</b> | <b>9,115</b>   | <b>7,057</b>   | <b>5,231</b>   | <b>3,634</b>   | <b>8,021</b>  | <b>13,159</b> |
| Alabama                       | 1,846          | 1,944          | 234            | 388            | 672           | 460           |
| Arkansas                      | 1,504          | 1,048          | 160            | 189            | 73            | 105           |
| Louisiana                     | 2,624          | 1,090          | 382            | 343            | 332           | 2,033         |
| Mississippi                   | 874            | 1,476          | 1,828          | 344            | 1,550         | 973           |
| New Mexico                    | 951            | 238            | 254            | 345            | 211           | 243           |
| Texas                         | 1,316          | 1,262          | 2,374          | 2,025          | 5,184         | 9,345         |
| <b>PAD District IV Total</b>  | <b>1,234</b>   | <b>1,858</b>   | <b>624</b>     | <b>589</b>     | <b>688</b>    | <b>330</b>    |
| Colorado                      | 686            | 1,220          | 393            | 319            | 87            | 66            |
| Idaho                         | 256            | 417            | 62             | 73             | 220           | 77            |
| Montana                       | 58             | 7              | 2              | -              | 4             | 3             |
| Utah                          | 182            | 156            | 149            | 181            | 201           | 177           |
| Wyoming                       | 53             | 57             | 18             | 16             | 176           | 9             |
| <b>PAD District V Total</b>   | <b>16,006</b>  | <b>23,261</b>  | <b>3,322</b>   | <b>4,094</b>   | <b>2,541</b>  | <b>1,605</b>  |
| Alaska                        | 707            | 564            | 26             | 15             | 1             | 2             |
| Arizona                       | 81             | 61             | 200            | 113            | 84            | 52            |
| California                    | 7,846          | 11,788         | 1,204          | 2,194          | 1,383         | 791           |
| Hawaii                        | -              | -              | 2              | 6              | 4             | 4             |
| Nevada                        | 319            | 337            | 107            | 83             | 80            | 12            |
| Oregon                        | 3,422          | 7,799          | 1,283          | 1,189          | 511           | 591           |
| Washington                    | 3,631          | 2,711          | 499            | 493            | 478           | 154           |

See footnotes at end of table.

**Table 6. Sales of Kerosene by End Use, 1999 and 2000 (Continued)**

(Thousand Gallons)

| Destination                         | Farm          |               | All Other     |              | Total            |                  |
|-------------------------------------|---------------|---------------|---------------|--------------|------------------|------------------|
|                                     | 1999          | 2000          | 1999          | 2000         | 1999             | 2000             |
| <b>U.S. Total</b> .....             | <b>26,312</b> | <b>23,084</b> | <b>10,521</b> | <b>5,921</b> | <b>1,118,124</b> | <b>1,036,014</b> |
| <b>PAD District I Total</b> .....   | <b>8,471</b>  | <b>7,515</b>  | <b>5,491</b>  | <b>1,957</b> | <b>779,669</b>   | <b>827,752</b>   |
| <b>Subdistrict IA Total</b> .....   | <b>1,277</b>  | <b>1,120</b>  | <b>564</b>    | <b>270</b>   | <b>141,954</b>   | <b>152,872</b>   |
| Connecticut .....                   | 22            | 36            | 24            | 1            | 14,927           | 21,385           |
| Maine .....                         | 342           | 419           | 86            | 30           | 71,315           | 77,249           |
| Massachusetts .....                 | 1             | 27            | 76            | 74           | 17,889           | 12,943           |
| New Hampshire .....                 | 341           | 259           | 134           | 52           | 18,360           | 19,079           |
| Rhode Island .....                  | -             | -             | 20            | 35           | 4,537            | 3,558            |
| Vermont .....                       | 572           | 380           | 225           | 78           | 14,925           | 18,657           |
| <b>Subdistrict IB Total</b> .....   | <b>3,652</b>  | <b>3,053</b>  | <b>1,698</b>  | <b>784</b>   | <b>382,222</b>   | <b>428,040</b>   |
| Delaware .....                      | 29            | 27            | -             | -            | 7,534            | 11,511           |
| District of Columbia .....          | -             | -             | -             | -            | 9,759            | 10,341           |
| Maryland .....                      | 287           | 244           | 17            | 31           | 34,186           | 37,701           |
| New Jersey .....                    | 8             | 18            | 51            | 29           | 72,461           | 80,547           |
| New York .....                      | 894           | 936           | 544           | 482          | 129,610          | 144,589          |
| Pennsylvania .....                  | 2,434         | 1,829         | 1,086         | 241          | 128,671          | 143,351          |
| <b>Subdistrict IC Total</b> .....   | <b>3,542</b>  | <b>3,343</b>  | <b>3,228</b>  | <b>904</b>   | <b>255,494</b>   | <b>246,840</b>   |
| Florida .....                       | 641           | 653           | 2,290         | 27           | 13,934           | 9,398            |
| Georgia .....                       | 720           | 515           | 18            | 1            | 13,204           | 11,748           |
| North Carolina .....                | 415           | 555           | 329           | 584          | 93,068           | 95,847           |
| South Carolina .....                | 443           | 686           | 62            | 79           | 28,010           | 28,626           |
| Virginia .....                      | 1,039         | 860           | 516           | 197          | 80,705           | 82,922           |
| West Virginia .....                 | 285           | 74            | 13            | 15           | 26,572           | 18,299           |
| <b>PAD District II Total</b> .....  | <b>11,957</b> | <b>12,069</b> | <b>3,238</b>  | <b>1,991</b> | <b>283,998</b>   | <b>147,201</b>   |
| Illinois .....                      | 935           | 802           | 203           | 195          | 27,762           | 10,945           |
| Indiana .....                       | 1,604         | 892           | 767           | 443          | 60,903           | 19,195           |
| Iowa .....                          | 1,688         | 1,595         | 98            | 71           | 3,021            | 3,146            |
| Kansas .....                        | 218           | 219           | 12            | 57           | 15,124           | 1,517            |
| Kentucky .....                      | 728           | 1,382         | 262           | 128          | 44,584           | 20,799           |
| Michigan .....                      | 474           | 269           | 340           | 81           | 29,145           | 18,196           |
| Minnesota .....                     | 2,863         | 2,651         | 162           | 106          | 5,270            | 6,451            |
| Missouri .....                      | 143           | 127           | 33            | 28           | 3,548            | 4,422            |
| Nebraska .....                      | 126           | 208           | 18            | 53           | 477              | 642              |
| North Dakota .....                  | 25            | 230           | 13            | 21           | 789              | 465              |
| Ohio .....                          | 1,433         | 1,346         | 325           | 81           | 64,108           | 27,160           |
| Oklahoma .....                      | 94            | 147           | 714           | 555          | 1,908            | 5,094            |
| South Dakota .....                  | 50            | 35            | 5             | 11           | 275              | 246              |
| Tennessee .....                     | 154           | 263           | 53            | 35           | 22,185           | 24,280           |
| Wisconsin .....                     | 1,423         | 1,904         | 233           | 125          | 4,900            | 4,642            |
| <b>PAD District III Total</b> ..... | <b>1,320</b>  | <b>1,346</b>  | <b>1,360</b>  | <b>1,273</b> | <b>25,046</b>    | <b>26,469</b>    |
| Alabama .....                       | 23            | 10            | 730           | 466          | 3,505            | 3,268            |
| Arkansas .....                      | 435           | 57            | 55            | 8            | 2,226            | 1,406            |
| Louisiana .....                     | 64            | 447           | 238           | 266          | 3,640            | 4,178            |
| Mississippi .....                   | 5             | 26            | 122           | 3            | 4,378            | 2,822            |
| New Mexico .....                    | 518           | 344           | 34            | 48           | 1,968            | 1,218            |
| Texas .....                         | 274           | 463           | 182           | 482          | 9,329            | 13,576           |
| <b>PAD District IV Total</b> .....  | <b>104</b>    | <b>136</b>    | <b>147</b>    | <b>249</b>   | <b>2,797</b>     | <b>3,163</b>     |
| Colorado .....                      | 55            | 58            | 121           | 74           | 1,341            | 1,737            |
| Idaho .....                         | 27            | 30            | 1             | 1            | 566              | 597              |
| Montana .....                       | 9             | 19            | 2             | 2            | 75               | 32               |
| Utah .....                          | 12            | 28            | 3             | 3            | 546              | 545              |
| Wyoming .....                       | 1             | 1             | 21            | 169          | 269              | 252              |
| <b>PAD District V Total</b> .....   | <b>4,461</b>  | <b>2,018</b>  | <b>285</b>    | <b>451</b>   | <b>26,614</b>    | <b>31,429</b>    |
| Alaska .....                        | -             | -             | -             | -            | 733              | 581              |
| Arizona .....                       | 4             | 4             | 1             | -            | 370              | 230              |
| California .....                    | 1,479         | 643           | 189           | 170          | 12,102           | 15,587           |
| Hawaii .....                        | -             | -             | -             | -            | 7                | 10               |
| Nevada .....                        | 568           | 20            | -             | 5            | 1,075            | 457              |
| Oregon .....                        | 1,884         | 671           | 24            | 43           | 7,125            | 10,294           |
| Washington .....                    | 525           | 680           | 69            | 232          | 5,203            | 4,271            |

Dashes (-) = No data reported.

Note: Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1999 and 2000.



**Table 7. Sales for Residential Use: Distillate Fuel Oil and Kerosene, 2000**  
(Thousand Gallons)

| Destination                         | Distillate Fuel Oil |                  |                  | Kerosene       |
|-------------------------------------|---------------------|------------------|------------------|----------------|
|                                     | No. 1               | No. 2            | Total            |                |
| <b>U.S. Total</b> .....             | <b>138,393</b>      | <b>6,692,062</b> | <b>6,830,455</b> | <b>700,532</b> |
| <b>PAD District I Total</b> .....   | <b>8,860</b>        | <b>5,906,396</b> | <b>5,915,256</b> | <b>575,312</b> |
| <b>Subdistrict IA Total</b> .....   | <b>4,293</b>        | <b>2,274,137</b> | <b>2,278,430</b> | <b>119,859</b> |
| Connecticut .....                   | 129                 | 620,894          | 621,023          | 8,358          |
| Maine .....                         | 2,578               | 303,350          | 305,928          | 70,596         |
| Massachusetts .....                 | -                   | 899,021          | 899,021          | 8,011          |
| New Hampshire .....                 | 1,585               | 199,674          | 201,259          | 16,492         |
| Rhode Island .....                  | -                   | 143,441          | 143,441          | 2,712          |
| Vermont .....                       | -                   | 107,758          | 107,758          | 13,691         |
| <b>Subdistrict IB Total</b> .....   | <b>2,080</b>        | <b>3,189,973</b> | <b>3,192,053</b> | <b>255,053</b> |
| Delaware .....                      | 834                 | 49,228           | 50,062           | 5,510          |
| District of Columbia .....          | -                   | 9,582            | 9,582            | 126            |
| Maryland .....                      | 129                 | 213,825          | 213,954          | 21,221         |
| New Jersey .....                    | 246                 | 449,531          | 449,777          | 12,542         |
| New York .....                      | 22                  | 1,549,147        | 1,549,169        | 98,456         |
| Pennsylvania .....                  | 850                 | 918,660          | 919,510          | 117,199        |
| <b>Subdistrict IC Total</b> .....   | <b>2,488</b>        | <b>442,287</b>   | <b>444,775</b>   | <b>200,400</b> |
| Florida .....                       | -                   | 5,237            | 5,237            | 4,163          |
| Georgia .....                       | -                   | 3,148            | 3,148            | 8,310          |
| North Carolina .....                | 378                 | 142,003          | 142,381          | 83,110         |
| South Carolina .....                | 212                 | 21,000           | 21,212           | 21,573         |
| Virginia .....                      | 957                 | 248,778          | 249,735          | 68,945         |
| West Virginia .....                 | 940                 | 22,120           | 23,060           | 14,299         |
| <b>PAD District II Total</b> .....  | <b>75,971</b>       | <b>590,068</b>   | <b>666,039</b>   | <b>93,044</b>  |
| Illinois .....                      | 2,065               | 16,050           | 18,115           | 5,102          |
| Indiana .....                       | 8,484               | 34,425           | 42,909           | 15,098         |
| Iowa .....                          | 4,924               | 16,246           | 21,170           | 1,096          |
| Kansas .....                        | 148                 | 602              | 750              | 830            |
| Kentucky .....                      | 422                 | 22,766           | 23,188           | 13,270         |
| Michigan .....                      | 9,058               | 118,574          | 127,632          | 14,959         |
| Minnesota .....                     | 19,755              | 81,127           | 100,882          | 1,375          |
| Missouri .....                      | 2,245               | 11,309           | 13,554           | 2,889          |
| Nebraska .....                      | 1,050               | 3,802            | 4,852            | 335            |
| North Dakota .....                  | 3,799               | 21,001           | 24,800           | 118            |
| Ohio .....                          | 6,215               | 125,682          | 131,897          | 17,604         |
| Oklahoma .....                      | 44                  | 61               | 105              | 2,474          |
| South Dakota .....                  | 4,208               | 11,206           | 15,414           | 149            |
| Tennessee .....                     | 1,500               | 6,165            | 7,665            | 15,887         |
| Wisconsin .....                     | 12,054              | 121,051          | 133,105          | 1,857          |
| <b>PAD District III Total</b> ..... | <b>99</b>           | <b>984</b>       | <b>1,083</b>     | <b>7,057</b>   |
| Alabama .....                       | 12                  | 525              | 537              | 1,944          |
| Arkansas .....                      | 1                   | 29               | 30               | 1,048          |
| Louisiana .....                     | -                   | 62               | 62               | 1,090          |
| Mississippi .....                   | -                   | 61               | 61               | 1,476          |
| New Mexico .....                    | 32                  | 241              | 273              | 238            |
| Texas .....                         | 54                  | 66               | 120              | 1,262          |
| <b>PAD District IV Total</b> .....  | <b>7,680</b>        | <b>24,564</b>    | <b>32,244</b>    | <b>1,858</b>   |
| Colorado .....                      | 270                 | 2,454            | 2,724            | 1,220          |
| Idaho .....                         | 4,260               | 13,157           | 17,417           | 417            |
| Montana .....                       | 2,578               | 4,891            | 7,469            | 7              |
| Utah .....                          | 422                 | 3,061            | 3,483            | 156            |
| Wyoming .....                       | 149                 | 1,001            | 1,150            | 57             |
| <b>PAD District V Total</b> .....   | <b>45,782</b>       | <b>170,049</b>   | <b>215,831</b>   | <b>23,261</b>  |
| Alaska .....                        | 36,307              | 39,832           | 76,139           | 564            |
| Arizona .....                       | 14                  | 159              | 173              | 61             |
| California .....                    | 333                 | 10,271           | 10,604           | 11,788         |
| Hawaii .....                        | -                   | 14               | 14               | -              |
| Nevada .....                        | 255                 | 9,059            | 9,314            | 337            |
| Oregon .....                        | 4,802               | 38,413           | 43,215           | 7,799          |
| Washington .....                    | 4,071               | 72,301           | 76,372           | 2,711          |

Dashes (-) = No data reported.

Note: Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 2000.

• Kerosene data are based on data from the Energy Information Administration's "Petroleum Supply Annual," Volume 1, 2000, (DOE/EIA-0340(00)/1).

**Table 8. Sales for Commercial Use: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene, 2000**  
(Thousand Gallons)

| Destination            | Distillate Fuel Oil |                  |                   |                    |             |            |                  | Residual Fuel Oil | Kerosene |
|------------------------|---------------------|------------------|-------------------|--------------------|-------------|------------|------------------|-------------------|----------|
|                        | No. 1 Distillate    | No. 2 Distillate |                   |                    |             | No. 4 Fuel | Total Distillate |                   |          |
|                        |                     | No. 2 Fuel Oil   | Low Sulfur Diesel | High Sulfur Diesel | No. 2 Total |            |                  |                   |          |
| U.S. Total             | 71,657              | 1,713,618        | 1,188,155         | 515,834            | 3,417,607   | 217,081    | 3,706,345        | 664,360           | 219,633  |
| PAD District I Total   | 2,863               | 1,429,053        | 458,184           | 240,171            | 2,127,408   | 216,228    | 2,346,499        | 637,196           | 186,620  |
| Subdistrict IA Total   | 435                 | 492,371          | 110,947           | 19,882             | 623,200     | 35,280     | 658,915          | 114,156           | 18,957   |
| Connecticut            | 134                 | 99,458           | 24,604            | 2,045              | 126,108     | 4,938      | 131,180          | 9,943             | 4,978    |
| Maine                  | 86                  | 102,676          | 34,956            | 1,883              | 139,515     | 2,148      | 141,749          | 11,535            | 5,719    |
| Massachusetts          | 31                  | 173,621          | 25,146            | 10,121             | 208,888     | 19,982     | 228,901          | 63,281            | 4,487    |
| New Hampshire          | -                   | 58,258           | 20,162            | 1,114              | 79,534      | 4,168      | 83,702           | 5,680             | 1,995    |
| Rhode Island           | 183                 | 22,366           | 2,629             | 381                | 25,375      | 2,084      | 27,642           | 19,094            | 803      |
| Vermont                | 2                   | 35,991           | 3,449             | 4,339              | 43,780      | 1,960      | 45,742           | 4,623             | 975      |
| Subdistrict IB Total   | 1,995               | 811,124          | 141,754           | 72,984             | 1,025,861   | 176,137    | 1,203,992        | 495,051           | 138,001  |
| Delaware               | -                   | 8,393            | 2,244             | 796                | 11,433      | 596        | 12,029           | 10,306            | 5,713    |
| District of Columbia   | 6                   | 17,721           | 3,436             | 1,224              | 22,381      | 2,296      | 24,683           | 25                | 10,215   |
| Maryland               | 760                 | 72,022           | 25,866            | 13,337             | 111,225     | 1,539      | 113,525          | 3,963             | 15,226   |
| New Jersey             | 155                 | 106,780          | 19,909            | 12,281             | 138,969     | 7,753      | 146,877          | 21,824            | 49,946   |
| New York               | 591                 | 444,360          | 43,829            | 17,775             | 505,963     | 158,669    | 665,223          | 430,023           | 39,810   |
| Pennsylvania           | 482                 | 161,848          | 46,470            | 27,571             | 235,889     | 5,285      | 241,656          | 28,910            | 17,091   |
| Subdistrict IC Total   | 433                 | 125,559          | 205,484           | 147,305            | 478,347     | 4,811      | 483,592          | 27,989            | 29,662   |
| Florida                | -                   | 3,797            | 69,449            | 42,162             | 115,408     | 709        | 116,117          | 695               | 1,186    |
| Georgia                | 3                   | 5,373            | 23,749            | 25,002             | 54,125      | 294        | 54,421           | 219               | 1,722    |
| North Carolina         | 6                   | 30,422           | 49,721            | 34,972             | 115,115     | 2,674      | 117,796          | 5,135             | 9,820    |
| South Carolina         | -                   | 8,527            | 17,287            | 7,542              | 33,356      | -          | 33,356           | 2,299             | 2,280    |
| Virginia               | 41                  | 73,268           | 40,420            | 31,387             | 145,076     | 949        | 146,066          | 19,641            | 11,604   |
| West Virginia          | 383                 | 4,171            | 4,858             | 6,239              | 15,268      | 184        | 15,835           | -                 | 3,050    |
| PAD District II Total  | 38,132              | 108,479          | 292,507           | 162,191            | 563,177     | 793        | 602,102          | 21,549            | 24,695   |
| Illinois               | 6,747               | 6,690            | 35,891            | 21,132             | 63,713      | -          | 70,461           | 636               | 2,859    |
| Indiana                | 3,294               | 14,496           | 29,998            | 11,296             | 55,790      | -          | 59,084           | 71                | 2,007    |
| Iowa                   | 4,642               | 5,348            | 9,987             | 1,158              | 16,493      | -          | 21,135           | 115               | 253      |
| Kansas                 | 2,398               | 799              | 17,063            | 4,854              | 22,716      | -          | 25,115           | 144               | 216      |
| Kentucky               | 500                 | 5,956            | 23,518            | 17,095             | 46,568      | 517        | 47,585           | 371               | 2,926    |
| Michigan               | 1,332               | 9,450            | 41,947            | 16,608             | 68,005      | 7          | 69,344           | 218               | 1,380    |
| Minnesota              | 4,011               | 14,218           | 13,399            | 7,449              | 35,067      | -          | 39,077           | 6,252             | 2,260    |
| Missouri               | 1,729               | 5,725            | 10,089            | 31,493             | 47,308      | 108        | 49,145           | 1,430             | 933      |
| Nebraska               | 3,234               | 569              | 3,314             | 1,493              | 5,376       | 90         | 8,700            | 376               | 44       |
| North Dakota           | 1,237               | 2,399            | 5,125             | 1,426              | 8,950       | -          | 10,187           | 562               | 62       |
| Ohio                   | 2,588               | 13,050           | 40,200            | 20,689             | 73,939      | -          | 76,527           | -                 | 5,553    |
| Oklahoma               | 19                  | 149              | 8,623             | 1,871              | 10,643      | -          | 10,662           | -                 | 1,349    |
| South Dakota           | 1,149               | 4,192            | 2,383             | 844                | 7,419       | -          | 8,568            | 3,161             | 33       |
| Tennessee              | 98                  | 4,367            | 25,334            | 17,529             | 47,229      | 71         | 47,397           | -                 | 4,419    |
| Wisconsin              | 5,156               | 21,071           | 25,638            | 7,252              | 53,960      | -          | 59,116           | 8,214             | 399      |
| PAD District III Total | 906                 | 137,183          | 141,591           | 56,427             | 335,201     | -          | 336,107          | 9                 | 3,634    |
| Alabama                | -                   | 1,201            | 21,738            | 9,943              | 32,882      | -          | 32,882           | 9                 | 388      |
| Arkansas               | -                   | 16               | 8,864             | 7,637              | 16,517      | -          | 16,517           | -                 | 189      |
| Louisiana              | 86                  | 8                | 7,117             | 7,594              | 14,719      | -          | 14,805           | -                 | 343      |
| Mississippi            | -                   | -                | 5,678             | 5,779              | 11,457      | -          | 11,457           | -                 | 344      |
| New Mexico             | 88                  | 322              | 9,587             | 1,679              | 11,588      | -          | 11,676           | -                 | 345      |
| Texas                  | 732                 | 135,636          | 88,607            | 23,796             | 248,038     | -          | 248,770          | -                 | 2,025    |
| PAD District IV Total  | 9,029               | 6,141            | 57,520            | 12,913             | 76,574      | -          | 85,603           | 783               | 589      |
| Colorado               | 3,586               | 1,373            | 21,224            | 424                | 23,021      | -          | 26,607           | -                 | 319      |
| Idaho                  | 1,214               | 1,018            | 11,124            | 5,644              | 17,786      | -          | 18,999           | -                 | 73       |
| Montana                | 671                 | 2,851            | 2,681             | 69                 | 5,601       | -          | 6,271            | 30                | -        |
| Utah                   | 842                 | 593              | 8,133             | 6,539              | 15,265      | -          | 16,107           | 743               | 181      |
| Wyoming                | 2,718               | 307              | 14,356            | 238                | 14,901      | -          | 17,619           | 11                | 16       |
| PAD District V Total   | 20,726              | 32,762           | 238,354           | 44,132             | 315,247     | 60         | 336,034          | 4,823             | 4,094    |
| Alaska                 | 16,120              | 19,526           | 6,167             | 8,953              | 34,645      | 31         | 50,796           | -                 | 15       |
| Arizona                | 90                  | 4                | 35,117            | 2,909              | 38,030      | 24         | 38,144           | -                 | 113      |
| California             | 576                 | 4,670            | 123,869           | 7,389              | 135,927     | -          | 136,504          | 23                | 2,194    |
| Hawaii                 | -                   | 74               | 4,727             | 4,802              | 9,603       | -          | 9,604            | 380               | 6        |
| Nevada                 | 315                 | 2,352            | 14,614            | 352                | 17,318      | -          | 17,634           | 382               | 83       |
| Oregon                 | 1,453               | 4,474            | 28,428            | 9,344              | 42,246      | 6          | 43,705           | 2,803             | 1,189    |
| Washington             | 2,172               | 1,661            | 25,432            | 10,383             | 37,477      | -          | 39,648           | 1,234             | 493      |

Dashes (-) = No data reported.

Note: Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 2000.

• Kerosene data are based on data from the Energy Information Administration's "Petroleum Supply Annual," Volume 1, 2000, (DOE/EIA-0340(00)/1).

**Table 9. Sales for Industrial Use: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene, 2000**  
(Thousand Gallons)

| Destination            | Distillate Fuel Oil |                  |                   |                    |             |            |                  | Residual Fuel Oil | Kerosene |
|------------------------|---------------------|------------------|-------------------|--------------------|-------------|------------|------------------|-------------------|----------|
|                        | No. 1 Distillate    | No. 2 Distillate |                   |                    |             | No. 4 Fuel | Total Distillate |                   |          |
|                        |                     | No. 2 Fuel Oil   | Low Sulfur Diesel | High Sulfur Diesel | No. 2 Total |            |                  |                   |          |
| U.S. Total             | 60,349              | 391,579          | 862,564           | 973,404            | 2,227,548   | 42,974     | 2,330,870        | 1,585,140         | 86,844   |
| PAD District I Total   | 1,400               | 239,808          | 126,811           | 307,535            | 674,155     | 36,273     | 711,827          | 1,187,600         | 56,347   |
| Subdistrict IA Total   | 420                 | 40,867           | 19,419            | 4,805              | 65,092      | 12,158     | 77,670           | 355,553           | 12,666   |
| Connecticut            | -                   | 9,612            | 1,466             | 51                 | 11,128      | 5,880      | 17,008           | 17,053            | 8,013    |
| Maine                  | 35                  | 14,999           | 7,445             | 1,267              | 23,711      | 1,790      | 25,536           | 242,403           | 485      |
| Massachusetts          | -                   | 5,017            | 7,756             | 2,857              | 15,631      | 1,105      | 16,736           | 50,014            | 345      |
| New Hampshire          | 385                 | 5,002            | 2,175             | 8                  | 7,185       | 646        | 8,216            | 24,909            | 282      |
| Rhode Island           | -                   | 2,969            | 209               | 17                 | 3,196       | 1,278      | 4,473            | 11,713            | 8        |
| Vermont                | -                   | 3,269            | 368               | 604                | 4,241       | 1,460      | 5,701            | 9,461             | 3,533    |
| Subdistrict IB Total   | 653                 | 120,477          | 30,463            | 63,144             | 214,084     | 17,884     | 232,621          | 226,604           | 31,149   |
| Delaware               | -                   | 648              | 1,619             | 378                | 2,645       | 55         | 2,700            | 29,936            | 262      |
| District of Columbia   | -                   | 17               | -                 | -                  | 17          | -          | 17               | 4                 | -        |
| Maryland               | 639                 | 12,949           | 4,476             | 6,252              | 23,678      | 1,681      | 25,997           | 24,311            | 979      |
| New Jersey             | 4                   | 17,982           | 1,393             | 3,045              | 22,420      | 5,968      | 28,392           | 25,041            | 18,012   |
| New York               | -                   | 36,393           | 4,502             | 1,977              | 42,872      | 6,836      | 49,707           | 90,733            | 4,905    |
| Pennsylvania           | 10                  | 52,488           | 18,473            | 51,492             | 122,453     | 3,344      | 125,807          | 56,580            | 6,991    |
| Subdistrict IC Total   | 327                 | 78,464           | 76,929            | 239,586            | 394,979     | 6,231      | 401,537          | 605,442           | 12,532   |
| Florida                | -                   | 8,340            | 15,585            | 23,238             | 47,163      | 1,158      | 48,320           | 153,381           | 3,369    |
| Georgia                | -                   | 6,778            | 20,651            | 36,970             | 64,399      | 1,810      | 66,210           | 59,270            | 1,201    |
| North Carolina         | -                   | 21,137           | 21,569            | 30,167             | 72,873      | 417        | 73,290           | 215,221           | 1,778    |
| South Carolina         | -                   | 9,003            | 8,384             | 8,379              | 25,765      | 282        | 26,047           | 79,096            | 4,008    |
| Virginia               | 1                   | 19,165           | 7,129             | 57,027             | 83,320      | 2,564      | 85,885           | 85,128            | 1,316    |
| West Virginia          | 326                 | 14,041           | 3,611             | 83,806             | 101,459     | -          | 101,784          | 13,347            | 860      |
| PAD District II Total  | 27,711              | 117,417          | 186,052           | 302,207            | 605,675     | 3,385      | 636,772          | 229,484           | 15,403   |
| Illinois               | 3,538               | 5,721            | 31,817            | 30,434             | 67,972      | -          | 71,510           | 10,451            | 1,987    |
| Indiana                | 6,053               | 32,752           | 21,038            | 50,109             | 103,898     | 505        | 110,456          | 21,150            | 755      |
| Iowa                   | 905                 | 1,347            | 8,878             | 2,666              | 12,891      | -          | 13,796           | 6,389             | 132      |
| Kansas                 | 811                 | 127              | 8,611             | 3,811              | 12,548      | 6          | 13,365           | 18,297            | 195      |
| Kentucky               | -                   | 8,705            | 10,482            | 98,816             | 118,002     | 64         | 118,066          | 3,712             | 3,093    |
| Michigan               | 791                 | 6,646            | 12,938            | 17,999             | 37,583      | 1,908      | 40,282           | 23,510            | 1,507    |
| Minnesota              | 5,630               | 24,135           | 16,868            | 1,649              | 42,652      | 117        | 48,399           | 19,563            | 58       |
| Missouri               | 2,330               | 2,028            | 12,587            | 18,542             | 33,157      | -          | 35,488           | 3,280             | 446      |
| Nebraska               | 1,120               | 118              | 1,456             | 2,577              | 4,150       | -          | 5,270            | 5,257             | 2        |
| North Dakota           | 830                 | 133              | 1,717             | 623                | 2,473       | -          | 3,303            | 2,992             | 34       |
| Ohio                   | 498                 | 9,698            | 22,765            | 39,805             | 72,269      | 109        | 72,876           | 64,116            | 2,575    |
| Oklahoma               | -                   | 328              | 1,302             | 3,718              | 5,348       | -          | 5,348            | 7,899             | 569      |
| South Dakota           | 752                 | 4,484            | 1,406             | 194                | 6,084       | 87         | 6,924            | 2,890             | 18       |
| Tennessee              | -                   | 266              | 14,710            | 12,389             | 27,365      | 271        | 27,636           | 2,997             | 3,676    |
| Wisconsin              | 4,453               | 20,928           | 19,478            | 18,877             | 59,283      | 318        | 64,054           | 36,981            | 356      |
| PAD District III Total | 2,645               | 4,152            | 187,207           | 211,775            | 403,135     | 1,919      | 407,699          | 146,605           | 13,159   |
| Alabama                | 107                 | 535              | 21,668            | 31,948             | 54,150      | 1,365      | 55,623           | 59,070            | 460      |
| Arkansas               | -                   | 118              | 5,354             | 8,975              | 14,447      | -          | 14,447           | 405               | 105      |
| Louisiana              | -                   | 113              | 6,465             | 54,733             | 61,311      | -          | 61,311           | 62,372            | 2,033    |
| Mississippi            | -                   | -                | 7,880             | 28,212             | 36,093      | 11         | 36,103           | 317               | 973      |
| New Mexico             | 2,538               | 1,410            | 29,190            | 1,776              | 32,376      | -          | 34,914           | 6,136             | 243      |
| Texas                  | -                   | 1,977            | 116,650           | 86,132             | 204,758     | 543        | 205,301          | 18,305            | 9,345    |
| PAD District IV Total  | 10,620              | 6,275            | 168,376           | 15,271             | 189,922     | 60         | 200,602          | 3,616             | 330      |
| Colorado               | 1,031               | 163              | 17,967            | 799                | 18,930      | -          | 19,961           | -                 | 66       |
| Idaho                  | 2,864               | 3,584            | 14,115            | 8,773              | 26,471      | -          | 29,335           | 90                | 77       |
| Montana                | 969                 | 52               | 14,119            | 151                | 14,322      | 8          | 15,299           | -                 | 3        |
| Utah                   | 1,713               | 202              | 28,870            | 5,400              | 34,473      | -          | 36,186           | 2,485             | 177      |
| Wyoming                | 4,044               | 2,274            | 93,305            | 148                | 95,727      | 52         | 99,822           | 1,041             | 9        |
| PAD District V Total   | 17,972              | 23,927           | 194,119           | 136,615            | 354,661     | 1,337      | 373,970          | 17,836            | 1,605    |
| Alaska                 | 16,120              | 6,250            | 30                | 15,301             | 21,581      | -          | 37,701           | -                 | 2        |
| Arizona                | 1,472               | 1                | 41,863            | 51,725             | 93,589      | -          | 95,061           | 1,052             | 52       |
| California             | -                   | 530              | 67,084            | 3,351              | 70,965      | -          | 70,965           | 4,914             | 791      |
| Hawaii                 | -                   | 71               | 2,178             | 920                | 3,169       | -          | 3,169            | 1,392             | 4        |
| Nevada                 | 180                 | 16,538           | 48,336            | 25,204             | 90,078      | 1,284      | 91,542           | -                 | 12       |
| Oregon                 | 50                  | 366              | 22,817            | 23,616             | 46,799      | 52         | 46,901           | 6,275             | 591      |
| Washington             | 150                 | 172              | 11,811            | 16,498             | 28,480      | -          | 28,630           | 4,205             | 154      |

Dashes (-) = No data reported.

Note: Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 2000.

• Kerosene data are based on data from the Energy Information Administration's "Petroleum Supply Annual," Volume 1, 2000, (DOE/EIA-0340(00)/1).

**Table 10. Sales for Farm Use: Distillate Fuel Oil and Kerosene; Sales for Electric Utility and Oil Company Uses: Distillate Fuel Oil and Residual Fuel Oil, 2000**  
(Thousand Gallons)

| Destination                   | Farm             |                  |                  |               | Electric            |                   | Oil Company Use     |                   |
|-------------------------------|------------------|------------------|------------------|---------------|---------------------|-------------------|---------------------|-------------------|
|                               | Diesel           | Other Distillate | Total Distillate | Kerosene      | Distillate Fuel Oil | Residual Fuel Oil | Distillate Fuel Oil | Residual Fuel Oil |
| <b>U.S. Total</b>             | <b>3,359,813</b> | <b>95,048</b>    | <b>3,454,861</b> | <b>23,084</b> | <b>1,015,100</b>    | <b>4,362,680</b>  | <b>686,454</b>      | <b>153,522</b>    |
| <b>PAD District I Total</b>   | <b>425,670</b>   | <b>48,208</b>    | <b>473,878</b>   | <b>7,515</b>  | <b>389,981</b>      | <b>3,603,559</b>  | <b>20,926</b>       | <b>73,228</b>     |
| <b>Subdistrict IA Total</b>   | <b>13,601</b>    | <b>12,763</b>    | <b>26,364</b>    | <b>1,120</b>  | <b>14,456</b>       | <b>458,707</b>    | <b>294</b>          | <b>-</b>          |
| Connecticut                   | 1,959            | 3,408            | 5,367            | 36            | 2,320               | 140,360           | 294                 | -                 |
| Maine                         | 2,968            | 3,398            | 6,366            | 419           | 319                 | 34,323            | -                   | -                 |
| Massachusetts                 | 2,537            | 549              | 3,086            | 27            | 7,080               | 240,710           | -                   | -                 |
| New Hampshire                 | 1,025            | 3,063            | 4,088            | 259           | 1,309               | 19,684            | -                   | -                 |
| Rhode Island                  | 108              | -                | 108              | -             | 1,532               | 23,631            | -                   | -                 |
| Vermont                       | 5,003            | 2,346            | 7,349            | 380           | 1,895               | -                 | -                   | -                 |
| <b>Subdistrict IB Total</b>   | <b>88,468</b>    | <b>30,530</b>    | <b>118,998</b>   | <b>3,053</b>  | <b>112,622</b>      | <b>880,352</b>    | <b>13,830</b>       | <b>73,228</b>     |
| Delaware                      | 7,915            | 68               | 7,983            | 27            | 5,725               | 27,759            | 4,642               | 35,602            |
| District of Columbia          | -                | -                | -                | -             | 16,552              | -                 | -                   | -                 |
| Maryland                      | 24,548           | 477              | 25,025           | 244           | 21,122              | 87,119            | 4                   | 644               |
| New Jersey                    | 8,529            | 620              | 9,149            | 18            | 9,179               | 135,776           | 3,115               | 1,884             |
| New York                      | 24,203           | 22,281           | 46,484           | 936           | 3,852               | 532,620           | 7                   | 722               |
| Pennsylvania                  | 23,272           | 7,086            | 30,358           | 1,829         | 56,192              | 97,078            | 6,063               | 34,374            |
| <b>Subdistrict IC Total</b>   | <b>323,602</b>   | <b>4,914</b>     | <b>328,516</b>   | <b>3,343</b>  | <b>262,903</b>      | <b>2,264,500</b>  | <b>6,803</b>        | <b>-</b>          |
| Florida                       | 107,520          | 360              | 107,880          | 653           | 131,454             | 2,135,432         | 339                 | -                 |
| Georgia                       | 116,746          | 166              | 116,912          | 515           | 34,454              | 23,639            | 331                 | -                 |
| North Carolina                | 40,897           | 3,577            | 44,474           | 555           | 43,122              | -                 | 170                 | -                 |
| South Carolina                | 16,237           | 306              | 16,543           | 686           | 20,785              | 4,865             | 110                 | -                 |
| Virginia                      | 39,364           | 460              | 39,824           | 860           | 18,421              | 100,564           | 653                 | -                 |
| West Virginia                 | 2,837            | 45               | 2,883            | 74            | 14,667              | -                 | 5,200               | -                 |
| <b>PAD District II Total</b>  | <b>1,666,090</b> | <b>42,378</b>    | <b>1,708,468</b> | <b>12,069</b> | <b>171,458</b>      | <b>74,402</b>     | <b>44,225</b>       | <b>23,443</b>     |
| Illinois                      | 173,010          | 4,242            | 177,252          | 802           | 11,695              | 9,471             | 1,493               | 637               |
| Indiana                       | 72,867           | 3,699            | 76,566           | 892           | 22,150              | -                 | 2,780               | -                 |
| Iowa                          | 209,518          | 11,037           | 220,555          | 1,595         | 5,341               | 247               | -                   | -                 |
| Kansas                        | 150,074          | 958              | 151,032          | 219           | 10,765              | 9,446             | 7,317               | -                 |
| Kentucky                      | 28,431           | 2,991            | 31,422           | 1,382         | 8,935               | 30                | 789                 | -                 |
| Michigan                      | 69,919           | 2,998            | 72,917           | 269           | 21,637              | 52,237            | -                   | 4,812             |
| Minnesota                     | 113,758          | 3,795            | 117,553          | 2,651         | 6,020               | 2,492             | 4                   | 6,424             |
| Missouri                      | 68,083           | 697              | 68,779           | 127           | 11,715              | 128               | 10                  | -                 |
| Nebraska                      | 173,568          | 1,365            | 174,933          | 208           | 3,298               | -                 | -                   | -                 |
| North Dakota                  | 100,988          | 297              | 101,285          | 230           | 2,472               | 351               | 5,944               | -                 |
| Ohio                          | 71,186           | 1,852            | 73,038           | 1,346         | 36,105              | -                 | 2,383               | 3,627             |
| Oklahoma                      | 78,051           | 26               | 78,077           | 147           | 2,699               | -                 | 23,469              | 2,902             |
| South Dakota                  | 66,237           | 867              | 67,105           | 35            | 3,173               | -                 | 27                  | -                 |
| Tennessee                     | 41,145           | 258              | 41,403           | 263           | 20,455              | -                 | 8                   | -                 |
| Wisconsin                     | 249,255          | 7,296            | 256,551          | 1,904         | 4,997               | -                 | -                   | 5,042             |
| <b>PAD District III Total</b> | <b>532,302</b>   | <b>3,122</b>     | <b>535,423</b>   | <b>1,346</b>  | <b>249,290</b>      | <b>239,989</b>    | <b>543,958</b>      | <b>1,948</b>      |
| Alabama                       | 21,131           | -                | 21,131           | 10            | 10,012              | -                 | 131                 | 1,948             |
| Arkansas                      | 98,797           | -                | 98,797           | 57            | 5,153               | 9,138             | 1,493               | -                 |
| Louisiana                     | 76,348           | 1,855            | 78,203           | 447           | 16,776              | 29,505            | 285,438             | -                 |
| Mississippi                   | 67,837           | 1,252            | 69,089           | 26            | 2,695               | 195,444           | 3,567               | -                 |
| New Mexico                    | 14,699           | 15               | 14,714           | 344           | 2,903               | -                 | 27,428              | -                 |
| Texas                         | 253,491          | -                | 253,491          | 463           | 211,751             | 5,902             | 225,901             | -                 |
| <b>PAD District IV Total</b>  | <b>182,160</b>   | <b>1,215</b>     | <b>183,375</b>   | <b>136</b>    | <b>10,868</b>       | <b>-</b>          | <b>24,328</b>       | <b>-</b>          |
| Colorado                      | 49,885           | 369              | 50,254           | 58            | 5,989               | -                 | 5,738               | -                 |
| Idaho                         | 51,085           | 466              | 51,551           | 30            | 17                  | -                 | -                   | -                 |
| Montana                       | 48,682           | 315              | 48,997           | 19            | 17                  | -                 | 1,901               | -                 |
| Utah                          | 14,328           | 20               | 14,349           | 28            | 1,744               | -                 | 2,697               | -                 |
| Wyoming                       | 18,179           | 45               | 18,224           | 1             | 3,100               | -                 | 13,992              | -                 |
| <b>PAD District V Total</b>   | <b>553,591</b>   | <b>126</b>       | <b>553,717</b>   | <b>2,018</b>  | <b>193,503</b>      | <b>444,730</b>    | <b>53,017</b>       | <b>54,903</b>     |
| Alaska                        | 49               | 1                | 50               | -             | 46,232              | -                 | 40,834              | -                 |
| Arizona                       | 26,226           | -                | 26,226           | 4             | 9,674               | -                 | 112                 | -                 |
| California                    | 400,500          | -                | 400,500          | 643           | 10,124              | 1,172             | 9,840               | -                 |
| Hawaii                        | 12,009           | -                | 12,009           | -             | 115,238             | 443,558           | 71                  | 18,567            |
| Nevada                        | 7,160            | 21               | 7,182            | 20            | 1,097               | -                 | 52                  | -                 |
| Oregon                        | 67,256           | 79               | 67,335           | 671           | 6,157               | -                 | 678                 | 39                |
| Washington                    | 40,392           | 24               | 40,416           | 680           | 4,983               | -                 | 1,430               | 36,298            |

Dashes (-) = No data reported.

Note: Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 2000.

• Kerosene data are based on data from the Energy Information Administration's "Petroleum Supply Annual," Volume 1, 2000, (DOE/EIA-0340(00)/1).

**Table 11. Sales for Transportation Use: Distillate Fuel Oil and Residual Fuel Oil, 2000**  
(Thousand Gallons)

| Destination                         | Railroad Use        | Vessel Bunkering    |                   | On-Highway Diesel   | Total Transportation Use |                   |
|-------------------------------------|---------------------|---------------------|-------------------|---------------------|--------------------------|-------------------|
|                                     | Distillate Fuel Oil | Distillate Fuel Oil | Residual Fuel Oil | Distillate Fuel Oil | Distillate Fuel Oil      | Residual Fuel Oil |
| <b>U.S. Total</b> .....             | <b>3,290,507</b>    | <b>2,261,422</b>    | <b>6,409,863</b>  | <b>33,129,664</b>   | <b>38,681,593</b>        | <b>6,409,863</b>  |
| <b>PAD District I Total</b> .....   | <b>547,557</b>      | <b>536,999</b>      | <b>2,004,495</b>  | <b>10,228,244</b>   | <b>11,312,800</b>        | <b>2,004,495</b>  |
| Subdistrict IA Total .....          | 35,462              | 41,186              | 55,436            | 994,438             | 1,071,086                | 55,436            |
| Connecticut .....                   | 11,415              | 3,029               | 428               | 223,858             | 238,303                  | 428               |
| Maine .....                         | 3,220               | 7,855               | 30,421            | 165,548             | 176,623                  | 30,421            |
| Massachusetts .....                 | 19,783              | 23,061              | 24,338            | 398,877             | 441,721                  | 24,338            |
| New Hampshire .....                 | 3                   | 785                 | -                 | 99,104              | 99,892                   | -                 |
| Rhode Island .....                  | -                   | 5,837               | 250               | 54,105              | 59,942                   | 250               |
| Vermont .....                       | 1,041               | 619                 | -                 | 52,946              | 54,605                   | -                 |
| Subdistrict IB Total .....          | 185,720             | 204,600             | 1,243,375         | 3,659,966           | 4,050,287                | 1,243,375         |
| Delaware .....                      | 194                 | 35,892              | 74,076            | 58,093              | 94,179                   | 74,076            |
| District of Columbia .....          | 3,997               | 3                   | -                 | 23,124              | 27,124                   | -                 |
| Maryland .....                      | 5,788               | 29,070              | 30,814            | 499,287             | 534,145                  | 30,814            |
| New Jersey .....                    | 16,869              | 100,743             | 556,968           | 784,719             | 902,331                  | 556,968           |
| New York .....                      | 46,503              | 15,873              | 367,467           | 946,272             | 1,008,649                | 367,467           |
| Pennsylvania .....                  | 112,369             | 23,020              | 214,050           | 1,348,471           | 1,483,860                | 214,050           |
| Subdistrict IC Total .....          | 326,375             | 291,213             | 705,684           | 5,573,840           | 6,191,428                | 705,684           |
| Florida .....                       | 118,877             | 137,188             | 455,019           | 1,274,869           | 1,530,934                | 455,019           |
| Georgia .....                       | 75,925              | 25,642              | 37,517            | 1,381,691           | 1,483,258                | 37,517            |
| North Carolina .....                | 65,877              | 9,560               | 5,830             | 1,017,088           | 1,092,525                | 5,830             |
| South Carolina .....                | 16,858              | 13,893              | 17,013            | 617,908             | 648,658                  | 17,013            |
| Virginia .....                      | 37,893              | 42,152              | 190,305           | 992,580             | 1,072,625                | 190,305           |
| West Virginia .....                 | 10,946              | 62,778              | -                 | 289,704             | 363,428                  | -                 |
| <b>PAD District II Total</b> .....  | <b>1,306,816</b>    | <b>319,399</b>      | <b>28,070</b>     | <b>11,140,616</b>   | <b>12,766,831</b>        | <b>28,070</b>     |
| Illinois .....                      | 114,022             | 50,480              | 868               | 1,275,542           | 1,440,044                | 868               |
| Indiana .....                       | 79,742              | 46,431              | 13,767            | 1,272,013           | 1,398,186                | 13,767            |
| Iowa .....                          | 27,296              | 5,571               | -                 | 496,774             | 529,642                  | -                 |
| Kansas .....                        | 56,907              | 1,014               | -                 | 359,912             | 417,833                  | -                 |
| Kentucky .....                      | 108,346             | 85,863              | -                 | 828,750             | 1,022,958                | -                 |
| Michigan .....                      | 46,642              | 5,244               | 2,185             | 911,342             | 963,227                  | 2,185             |
| Minnesota .....                     | 66,504              | 4,541               | 10,119            | 656,568             | 727,613                  | 10,119            |
| Missouri .....                      | 31,795              | 65,838              | 266               | 917,569             | 1,015,201                | 266               |
| Nebraska .....                      | 75,165              | 23                  | -                 | 362,705             | 437,893                  | -                 |
| North Dakota .....                  | 40,943              | -                   | -                 | 141,486             | 182,429                  | -                 |
| Ohio .....                          | 158,541             | 3,809               | 559               | 1,504,632           | 1,666,982                | 559               |
| Oklahoma .....                      | 351,994             | 202                 | -                 | 728,583             | 1,080,779                | -                 |
| South Dakota .....                  | 4,400               | -                   | -                 | 146,170             | 150,570                  | -                 |
| Tennessee .....                     | 87,416              | 46,841              | -                 | 889,379             | 1,023,636                | -                 |
| Wisconsin .....                     | 57,103              | 3,543               | 306               | 649,191             | 709,837                  | 306               |
| <b>PAD District III Total</b> ..... | <b>665,606</b>      | <b>1,002,114</b>    | <b>2,380,294</b>  | <b>5,643,703</b>    | <b>7,311,422</b>         | <b>2,380,294</b>  |
| Alabama .....                       | 46,492              | 83,146              | 131,858           | 766,750             | 896,388                  | 131,858           |
| Arkansas .....                      | 44,058              | 121                 | -                 | 586,466             | 630,645                  | -                 |
| Louisiana .....                     | 43,885              | 542,696             | 1,239,105         | 579,895             | 1,166,475                | 1,239,105         |
| Mississippi .....                   | 21,029              | 32,109              | 62,304            | 512,739             | 565,876                  | 62,304            |
| New Mexico .....                    | 5,783               | -                   | -                 | 404,044             | 409,827                  | -                 |
| Texas .....                         | 504,360             | 344,042             | 947,027           | 2,793,809           | 3,642,211                | 947,027           |
| <b>PAD District IV Total</b> .....  | <b>286,651</b>      | <b>144</b>          | <b>-</b>          | <b>1,474,611</b>    | <b>1,761,406</b>         | <b>-</b>          |
| Colorado .....                      | 40,984              | -                   | -                 | 461,178             | 502,162                  | -                 |
| Idaho .....                         | 38,929              | 124                 | -                 | 215,438             | 254,491                  | -                 |
| Montana .....                       | 65,801              | -                   | -                 | 189,707             | 255,508                  | -                 |
| Utah .....                          | 27,837              | 20                  | -                 | 337,256             | 365,113                  | -                 |
| Wyoming .....                       | 113,100             | -                   | -                 | 271,032             | 384,132                  | -                 |
| <b>PAD District V Total</b> .....   | <b>483,878</b>      | <b>402,765</b>      | <b>1,997,004</b>  | <b>4,642,490</b>    | <b>5,529,133</b>         | <b>1,997,004</b>  |
| Alaska .....                        | 6,303               | 126,573             | 5,380             | 90,999              | 223,874                  | 5,380             |
| Arizona .....                       | 6,141               | 35                  | -                 | 630,293             | 636,469                  | -                 |
| California .....                    | 298,536             | 158,566             | 1,529,648         | 2,632,760           | 3,089,862                | 1,529,648         |
| Hawaii .....                        | -                   | 21,188              | 101,524           | 33,506              | 54,694                   | 101,524           |
| Nevada .....                        | 11,082              | -                   | -                 | 263,275             | 274,357                  | -                 |
| Oregon .....                        | 118,846             | 15,056              | 57,831            | 429,014             | 562,916                  | 57,831            |
| Washington .....                    | 42,970              | 81,348              | 302,621           | 562,643             | 686,961                  | 302,621           |

<sup>E</sup> Estimated data.

Dashes (-) = No data reported.

Note: Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 2000.

• On-Highway Diesel data are Federal Highway Administration statistics of highway special fuels use.

**Table 12. Sales for Military, Off-Highway, and All Other Uses: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene, 2000**  
(Thousand Gallons)

| Destination                   | Military       |                     |                     |                      | Off-Highway<br>Distillate Fuel Oil |                |                  | All Other              |                      |              |
|-------------------------------|----------------|---------------------|---------------------|----------------------|------------------------------------|----------------|------------------|------------------------|----------------------|--------------|
|                               | Diesel         | Other<br>Distillate | Total<br>Distillate | Residual<br>Fuel Oil | Construction                       | Other          | Total            | Distillate<br>Fuel Oil | Residual<br>Fuel Oil | Kerosene     |
| <b>U.S. Total</b>             | <b>247,815</b> | <b>58,355</b>       | <b>306,170</b>      | <b>28,427</b>        | <b>2,114,421</b>                   | <b>474,962</b> | <b>2,589,383</b> | -                      | <b>6,942</b>         | <b>5,921</b> |
| <b>PAD District I Total</b>   | <b>45,401</b>  | <b>32,167</b>       | <b>77,568</b>       | <b>14,069</b>        | <b>559,706</b>                     | <b>174,249</b> | <b>733,955</b>   | -                      | <b>6,848</b>         | <b>1,957</b> |
| Subdistrict IA Total          | 3,192          | 6,059               | 9,251               | 2,136                | 53,526                             | 13,582         | 67,107           | -                      | 385                  | 270          |
| Connecticut                   | 340            | 1,911               | 2,251               | 563                  | 14,932                             | 189            | 15,121           | -                      | 262                  | 1            |
| Maine                         | 1,938          | 2,859               | 4,797               | 1,348                | 7,511                              | 3,219          | 10,731           | -                      | -                    | 30           |
| Massachusetts                 | 200            | 8                   | 208                 | 225                  | 19,565                             | 2,108          | 21,673           | -                      | 122                  | 74           |
| New Hampshire                 | 646            | 1,170               | 1,816               | -                    | 8,103                              | 5,108          | 13,211           | -                      | -                    | 52           |
| Rhode Island                  | 34             | -                   | 34                  | -                    | 1,686                              | 994            | 2,680            | -                      | -                    | 35           |
| Vermont                       | 35             | 110                 | 145                 | -                    | 1,728                              | 1,963          | 3,691            | -                      | -                    | 78           |
| Subdistrict IB Total          | 7,320          | 18,594              | 25,914              | 9,543                | 197,215                            | 21,503         | 218,718          | -                      | -                    | 784          |
| Delaware                      | 333            | 84                  | 417                 | 495                  | 4,002                              | 1,996          | 5,997            | -                      | -                    | -            |
| District of Columbia          | 1,261          | 3,611               | 4,871               | -                    | 1,460                              | -              | 1,460            | -                      | -                    | -            |
| Maryland                      | 2,370          | 2,081               | 4,451               | 5,061                | 41,357                             | 378            | 41,735           | -                      | -                    | 31           |
| New Jersey                    | 73             | 629                 | 702                 | 616                  | 28,154                             | 10,136         | 38,291           | -                      | -                    | 29           |
| New York                      | 1,913          | 2,787               | 4,699               | 3,117                | 45,616                             | 2,647          | 48,263           | -                      | -                    | 482          |
| Pennsylvania                  | 1,370          | 9,402               | 10,772              | 253                  | 76,626                             | 6,346          | 82,971           | -                      | -                    | 241          |
| Subdistrict IC Total          | 34,888         | 7,515               | 42,403              | 2,390                | 308,966                            | 139,164        | 448,130          | -                      | 6,463                | 904          |
| Florida                       | 14,350         | 8                   | 14,358              | -                    | 99,711                             | 17,711         | 117,422          | -                      | 6,019                | 27           |
| Georgia                       | 3,232          | -                   | 3,232               | -                    | 55,657                             | 45,618         | 101,275          | -                      | -                    | 1            |
| North Carolina                | 2,431          | 798                 | 3,229               | -                    | 50,608                             | 16,443         | 67,051           | -                      | 444                  | 584          |
| South Carolina                | 1,349          | 400                 | 1,749               | -                    | 19,272                             | 36,610         | 55,883           | -                      | -                    | 79           |
| Virginia                      | 13,359         | 6,306               | 19,666              | 2,390                | 71,278                             | 15,931         | 87,210           | -                      | -                    | 197          |
| West Virginia                 | 168            | 2                   | 170                 | -                    | 12,439                             | 6,850          | 19,289           | -                      | -                    | 15           |
| <b>PAD District II Total</b>  | <b>16,350</b>  | <b>21,911</b>       | <b>38,262</b>       | <b>3,341</b>         | <b>582,187</b>                     | <b>62,541</b>  | <b>644,728</b>   | -                      | <b>45</b>            | <b>1,991</b> |
| Illinois                      | 939            | 18                  | 957                 | 3,341                | 90,308                             | 2,349          | 92,657           | -                      | -                    | 195          |
| Indiana                       | 298            | 4                   | 302                 | -                    | 43,107                             | 7,412          | 50,519           | -                      | -                    | 443          |
| Iowa                          | 193            | -                   | 193                 | -                    | 28,965                             | 1,700          | 30,665           | -                      | -                    | 71           |
| Kansas                        | 485            | -                   | 485                 | -                    | 20,884                             | 4,336          | 25,221           | -                      | -                    | 57           |
| Kentucky                      | 1,015          | -                   | 1,015               | -                    | 39,722                             | 5,057          | 44,779           | -                      | -                    | 128          |
| Michigan                      | 449            | -                   | 449                 | -                    | 62,783                             | 2,350          | 65,133           | -                      | 45                   | 81           |
| Minnesota                     | 566            | -                   | 566                 | -                    | 41,040                             | 6,596          | 47,636           | -                      | -                    | 106          |
| Missouri                      | 3,196          | -                   | 3,196               | -                    | 49,189                             | 6,661          | 55,851           | -                      | -                    | 28           |
| Nebraska                      | 1,114          | -                   | 1,114               | -                    | 18,724                             | 917            | 19,641           | -                      | -                    | 53           |
| North Dakota                  | 417            | -                   | 417                 | -                    | 9,966                              | 680            | 10,646           | -                      | -                    | 21           |
| Ohio                          | 1,197          | 21,031              | 22,227              | -                    | 58,058                             | 7,712          | 65,771           | -                      | -                    | 81           |
| Oklahoma                      | 372            | -                   | 372                 | -                    | 37,683                             | 2,335          | 40,018           | -                      | -                    | 555          |
| South Dakota                  | 17             | 12                  | 29                  | -                    | 9,141                              | 1,655          | 10,796           | -                      | -                    | 11           |
| Tennessee                     | 631            | -                   | 631                 | -                    | 31,215                             | 7,158          | 38,373           | -                      | -                    | 35           |
| Wisconsin                     | 5,462          | 847                 | 6,309               | -                    | 41,403                             | 5,620          | 47,023           | -                      | -                    | 125          |
| <b>PAD District III Total</b> | <b>8,960</b>   | <b>11</b>           | <b>8,971</b>        | <b>11,017</b>        | <b>382,453</b>                     | <b>118,917</b> | <b>501,370</b>   | -                      | <b>49</b>            | <b>1,273</b> |
| Alabama                       | 2,428          | 11                  | 2,439               | -                    | 32,321                             | 19,998         | 52,319           | -                      | -                    | 466          |
| Arkansas                      | 196            | -                   | 196                 | -                    | 26,748                             | 35,534         | 62,282           | -                      | -                    | 8            |
| Louisiana                     | 2,491          | -                   | 2,491               | -                    | 57,763                             | 23,721         | 81,483           | -                      | -                    | 266          |
| Mississippi                   | 2,588          | -                   | 2,588               | -                    | 17,995                             | 17,281         | 35,276           | -                      | -                    | 3            |
| New Mexico                    | 315            | -                   | 315                 | -                    | 19,922                             | 2,890          | 22,812           | -                      | 49                   | 48           |
| Texas                         | 942            | -                   | 942                 | 11,017               | 227,703                            | 19,494         | 247,198          | -                      | -                    | 482          |
| <b>PAD District IV Total</b>  | <b>1,855</b>   | <b>1,608</b>        | <b>3,463</b>        | -                    | <b>124,830</b>                     | <b>24,985</b>  | <b>149,815</b>   | -                      | -                    | <b>249</b>   |
| Colorado                      | 631            | 28                  | 659                 | -                    | 66,051                             | 1,975          | 68,026           | -                      | -                    | 74           |
| Idaho                         | 371            | 140                 | 511                 | -                    | 15,473                             | 9,802          | 25,275           | -                      | -                    | 1            |
| Montana                       | 49             | -                   | 49                  | -                    | 8,331                              | 9,196          | 17,526           | -                      | -                    | 2            |
| Utah                          | 741            | 1,440               | 2,181               | -                    | 20,692                             | 2,139          | 22,831           | -                      | -                    | 3            |
| Wyoming                       | 63             | -                   | 63                  | -                    | 14,284                             | 1,873          | 16,157           | -                      | -                    | 169          |
| <b>PAD District V Total</b>   | <b>175,248</b> | <b>2,658</b>        | <b>177,906</b>      | -                    | <b>465,245</b>                     | <b>94,270</b>  | <b>559,515</b>   | -                      | -                    | <b>451</b>   |
| Alaska                        | 9,451          | 73                  | 9,524               | -                    | 10,815                             | 10,266         | 21,080           | -                      | -                    | -            |
| Arizona                       | -              | -                   | -                   | -                    | 60,126                             | 4,120          | 64,247           | -                      | -                    | -            |
| California                    | 11,397         | -                   | 11,397              | -                    | 305,494                            | 34,885         | 340,380          | -                      | -                    | 170          |
| Hawaii                        | 16,871         | -                   | 16,871              | -                    | 5,474                              | 65             | 5,539            | -                      | -                    | -            |
| Nevada                        | 1,183          | -                   | 1,183               | -                    | 23,891                             | 1,495          | 25,386           | -                      | -                    | 5            |
| Oregon                        | 1,482          | 7                   | 1,490               | -                    | 22,381                             | 21,114         | 43,494           | -                      | -                    | 43           |
| Washington                    | 134,865        | 2,577               | 137,442             | -                    | 37,064                             | 22,324         | 59,389           | -                      | -                    | 232          |

Dashes (-) = No data reported.

Note: Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 2000.

• Kerosene data are based on data from the Energy Information Administration's "Petroleum Supply Annual," Volume 1, 2000, (DOE/EIA-0340(00)/1).

## Adjusted Sales of Fuel Oil and Kerosene in 2000

The following tables contain estimates of distillate fuel oil that have been adjusted at the PAD district level to equal published EIA volume estimates of petroleum products supplied in the U.S. marketplace. The kerosene and residual fuel oil sales estimates have been adjusted at the national level. Historically, kerosene estimates have always been adjusted at the PAD district level.

The products supplied estimates can be found in the 1996 through 2000 issues of the *Petroleum Supply An-*

*nual*. For certain sales categories, data obtained from alternate sources are used instead of the adjusted numbers. See "Technical Note 3" in the Appendix for further explanation of data adjustments.

Total domestic adjusted sales of fuel oil and kerosene increased 5.3 percent from 68.6 billion gallons in 1999 to 72.2 billion gallons in 2000. While adjusted sales of distillate and residual fuel oil increased 4.5 and 9.7 percent, respectively, in 2000, kerosene decrease 7.3 percent in 2000.

**Table 13. Adjusted Sales of Distillate Fuel Oil by End Use in the United States: 1996-2000**  
(Thousand Gallons)

| End Use                  | Distillate Fuel Oil |            |            |            |            |
|--------------------------|---------------------|------------|------------|------------|------------|
|                          | 1996                | 1997       | 1998       | 1999       | 2000       |
| U.S. Total .....         | 51,730,518          | 52,665,438 | 53,063,934 | 54,758,718 | 57,217,230 |
| Residential .....        | 6,707,714           | 6,487,768  | 5,633,409  | 5,847,762  | 6,204,449  |
| Commercial .....         | 3,433,555           | 3,218,497  | 3,044,495  | 3,003,653  | 3,372,596  |
| Industrial .....         | 2,107,190           | 2,167,169  | 2,258,248  | 2,170,075  | 2,149,386  |
| Oil Company .....        | 625,608             | 632,595    | 565,174    | 576,997    | 684,620    |
| Farm .....               | 3,334,420           | 3,304,531  | 3,033,405  | 2,899,222  | 3,168,409  |
| Electric Utility .....   | 684,263             | 646,778    | 962,921    | 912,807    | 793,162    |
| Railroad .....           | 3,266,861           | 3,067,400  | 2,833,276  | 2,789,926  | 3,070,766  |
| Vessel Bunkering .....   | 2,177,608           | 2,107,561  | 2,125,568  | 2,064,590  | 2,080,599  |
| On-Highway Diesel .....  | 26,958,668          | 28,614,022 | 30,150,191 | 32,062,447 | 33,129,664 |
| Military .....           | 371,093             | 337,390    | 277,688    | 288,926    | 233,210    |
| Off-Highway Diesel ..... | 2,063,538           | 2,081,728  | 2,179,560  | 2,142,313  | 2,330,370  |

Dashes (-) = No data reported.

Note: Totals may not equal sum of components due to independent rounding.

Note: Distillate fuel oil data in the Adjusted Sales tables (13-24) are adjusted at the PAD District level. See Technical Note 3 for further explanation.

Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1996-2000.

• Electric Utility data are based on data obtained on Form EIA-759, "Monthly Power Plant Report," and Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

• On-Highway Diesel data are Federal Highway Administration statistics of highway special fuels use.

• Energy Information Administration's "Petroleum Supply Annual," Volume 1, 1996-2000, (DOE/EIA-0340(96)/1 - (00)/1).



**Table 14. Adjusted Sales of Residual Fuel Oil by End Use in the United States: 1996-2000**  
(Thousand Gallons)

| End Use                | Residual Fuel Oil |            |            |            |            |
|------------------------|-------------------|------------|------------|------------|------------|
|                        | 1996              | 1997       | 1998       | 1999       | 2000       |
| U.S. Total .....       | 13,041,042        | 12,213,390 | 13,599,558 | 12,725,916 | 13,966,134 |
| Commercial .....       | 944,717           | 754,967    | 590,388    | 619,429    | 775,845    |
| Industrial .....       | 2,127,457         | 1,815,165  | 1,484,331  | 1,630,313  | 1,851,139  |
| Oil Company .....      | 170,471           | 153,424    | 105,233    | 118,898    | 179,285    |
| Electric Utility ..... | 3,925,629         | 4,655,775  | 6,748,744  | 4,729,990  | 3,633,075  |
| Vessel Bunkering ..... | 5,804,977         | 4,789,861  | 4,640,153  | 5,598,630  | 7,485,487  |
| Military .....         | 57,249            | 40,311     | 27,779     | 24,647     | 33,198     |
| All Other .....        | 10,542            | 3,886      | 2,930      | 4,009      | 8,107      |

Note: Totals may not equal sum of components due to independent rounding.

Note: Residual fuel oil data in the Adjusted Sales tables (13-24) are adjusted at the national level. See Technical Note 3 for further explanation.

Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1996-2000.

• Electric Utility data are based on data obtained on Form EIA-759, "Monthly Power Plant Report," and Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

• Energy Information Administration's "Petroleum Supply Annual," Volume 1, 1996-2000, (DOE/EIA-0340(96)/1 - (00)/1).

**Table 15. Adjusted Sales of Kerosene by End Use in the United States: 1996-2000**  
(Thousand Gallons)

| End Use           | Kerosene |           |           |           |           |
|-------------------|----------|-----------|-----------|-----------|-----------|
|                   | 1996     | 1997      | 1998      | 1999      | 2000      |
| U.S. Total .....  | 948,990  | 1,009,932 | 1,196,580 | 1,118,124 | 1,036,014 |
| Residential ..... | 657,636  | 688,025   | 802,348   | 823,436   | 700,532   |
| Commercial .....  | 155,792  | 182,559   | 230,743   | 199,577   | 219,633   |
| Industrial .....  | 102,322  | 110,738   | 123,246   | 58,279    | 86,844    |
| Farm .....        | 26,017   | 21,556    | 26,823    | 26,312    | 23,084    |
| All Other .....   | 7,223    | 7,054     | 13,420    | 10,521    | 5,921     |

Note: Totals may not equal sum of components due to independent rounding.

Note: Kerosene data in the Adjusted Sales tables (13-24) are adjusted at the national level. See Technical Note 3 for further explanation.

Sources: • Kerosene data are based on data from the Energy Information Administration's "Petroleum Supply Annual," Volume 1, 1996-2000, (DOE/EIA-0340(96)/1 - (00)/1).

**Table 16. Adjusted Sales of Distillate Fuel Oil by End Use, 1999 and 2000**

(Thousand Gallons)

| Destination                         | Residential      |                  | Commercial       |                  | Industrial       |                  |
|-------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|                                     | 1999             | 2000             | 1999             | 2000             | 1999             | 2000             |
| <b>U.S. Total</b> .....             | <b>5,847,762</b> | <b>6,204,449</b> | <b>3,003,653</b> | <b>3,372,596</b> | <b>2,170,075</b> | <b>2,149,386</b> |
| <b>PAD District I Total</b> .....   | <b>5,067,702</b> | <b>5,399,194</b> | <b>1,994,985</b> | <b>2,141,784</b> | <b>729,922</b>   | <b>649,726</b>   |
| <b>Subdistrict IA Total</b> .....   | <b>2,021,728</b> | <b>2,079,654</b> | <b>513,496</b>   | <b>601,430</b>   | <b>82,686</b>    | <b>70,894</b>    |
| Connecticut .....                   | 544,912          | 566,843          | 111,860          | 119,736          | 17,143           | 15,524           |
| Maine .....                         | 314,282          | 279,238          | 117,888          | 129,382          | 21,984           | 23,308           |
| Massachusetts .....                 | 752,643          | 820,588          | 161,736          | 208,931          | 19,469           | 15,276           |
| New Hampshire .....                 | 191,290          | 183,701          | 60,574           | 76,400           | 10,648           | 7,499            |
| Rhode Island .....                  | 133,476          | 130,927          | 21,509           | 25,230           | 6,125            | 4,083            |
| Vermont .....                       | 85,126           | 98,356           | 39,929           | 41,751           | 7,317            | 5,204            |
| <b>Subdistrict IB Total</b> .....   | <b>2,663,492</b> | <b>2,913,570</b> | <b>1,084,674</b> | <b>1,098,953</b> | <b>255,222</b>   | <b>212,326</b>   |
| Delaware .....                      | 38,496           | 45,695           | 13,663           | 10,979           | 4,213            | 2,464            |
| District of Columbia .....          | 8,811            | 8,746            | 14,147           | 22,530           | -                | 15               |
| Maryland .....                      | 197,097          | 195,288          | 93,401           | 103,620          | 48,973           | 23,729           |
| New Jersey .....                    | 412,550          | 410,537          | 174,016          | 134,063          | 36,692           | 25,915           |
| New York .....                      | 1,196,908        | 1,414,015        | 588,863          | 607,187          | 57,298           | 45,371           |
| Pennsylvania .....                  | 809,630          | 839,289          | 200,585          | 220,573          | 108,045          | 114,832          |
| <b>Subdistrict IC Total</b> .....   | <b>382,481</b>   | <b>405,971</b>   | <b>396,815</b>   | <b>441,402</b>   | <b>392,015</b>   | <b>366,506</b>   |
| Florida .....                       | 4,254            | 4,780            | 76,028           | 105,987          | 56,360           | 44,105           |
| Georgia .....                       | 2,309            | 2,873            | 51,136           | 49,674           | 52,873           | 60,433           |
| North Carolina .....                | 125,313          | 129,960          | 91,267           | 107,519          | 74,136           | 66,896           |
| South Carolina .....                | 21,229           | 19,362           | 44,032           | 30,446           | 31,774           | 23,775           |
| Virginia .....                      | 209,061          | 227,948          | 120,932          | 133,323          | 73,253           | 78,392           |
| West Virginia .....                 | 20,314           | 21,048           | 13,419           | 14,453           | 103,618          | 92,905           |
| <b>PAD District II Total</b> .....  | <b>605,506</b>   | <b>628,414</b>   | <b>510,839</b>   | <b>568,089</b>   | <b>682,979</b>   | <b>600,800</b>   |
| Illinois .....                      | 19,417           | 17,092           | 56,060           | 66,481           | 74,446           | 67,470           |
| Indiana .....                       | 40,043           | 40,485           | 49,285           | 55,746           | 115,056          | 104,217          |
| Iowa .....                          | 20,531           | 19,975           | 18,616           | 19,941           | 26,590           | 13,016           |
| Kansas .....                        | 529              | 707              | 18,127           | 23,696           | 16,403           | 12,610           |
| Kentucky .....                      | 20,008           | 21,878           | 41,939           | 44,897           | 122,601          | 111,397          |
| Michigan .....                      | 114,503          | 120,422          | 53,590           | 65,426           | 48,029           | 38,007           |
| Minnesota .....                     | 80,374           | 95,183           | 33,977           | 36,870           | 37,532           | 45,665           |
| Missouri .....                      | 11,719           | 12,788           | 39,100           | 46,369           | 53,266           | 33,483           |
| Nebraska .....                      | 2,937            | 4,577            | 8,365            | 8,208            | 15,047           | 4,972            |
| North Dakota .....                  | 18,539           | 23,399           | 8,944            | 9,611            | 6,097            | 3,116            |
| Ohio .....                          | 131,252          | 124,446          | 69,230           | 72,204           | 65,677           | 68,759           |
| Oklahoma .....                      | 80               | 99               | 13,852           | 10,060           | 7,832            | 5,046            |
| South Dakota .....                  | 12,856           | 14,543           | 7,728            | 8,084            | 7,678            | 6,533            |
| Tennessee .....                     | 8,813            | 7,233            | 36,686           | 44,720           | 27,837           | 26,075           |
| Wisconsin .....                     | 123,903          | 125,586          | 55,341           | 55,777           | 58,889           | 60,435           |
| <b>PAD District III Total</b> ..... | <b>1,438</b>     | <b>1,117</b>     | <b>197,931</b>   | <b>346,578</b>   | <b>373,809</b>   | <b>420,400</b>   |
| Alabama .....                       | 266              | 553              | 23,380           | 33,906           | 70,442           | 57,356           |
| Arkansas .....                      | 37               | 31               | 10,677           | 17,031           | 12,782           | 14,897           |
| Louisiana .....                     | 141              | 64               | 22,562           | 15,266           | 43,507           | 63,221           |
| Mississippi .....                   | 80               | 63               | 10,653           | 11,814           | 50,491           | 37,228           |
| New Mexico .....                    | 827              | 282              | 12,949           | 12,040           | 31,352           | 36,002           |
| Texas .....                         | 87               | 123              | 117,711          | 256,520          | 165,235          | 211,697          |
| <b>PAD District IV Total</b> .....  | <b>39,032</b>    | <b>38,761</b>    | <b>115,813</b>   | <b>102,905</b>   | <b>198,292</b>   | <b>241,146</b>   |
| Colorado .....                      | 469              | 3,275            | 38,773           | 31,984           | 27,653           | 23,995           |
| Idaho .....                         | 22,700           | 20,937           | 24,578           | 22,839           | 28,149           | 35,263           |
| Montana .....                       | 10,748           | 8,979            | 6,776            | 7,539            | 17,588           | 18,391           |
| Utah .....                          | 3,765            | 4,187            | 28,288           | 19,363           | 36,114           | 43,499           |
| Wyoming .....                       | 1,351            | 1,383            | 17,398           | 21,180           | 88,789           | 119,997          |
| <b>PAD District V Total</b> .....   | <b>134,085</b>   | <b>136,962</b>   | <b>184,084</b>   | <b>213,240</b>   | <b>185,074</b>   | <b>237,313</b>   |
| Alaska .....                        | 50,511           | 48,316           | 32,548           | 32,234           | 16,851           | 23,924           |
| Arizona .....                       | 89               | 110              | 23,483           | 24,205           | 47,598           | 60,324           |
| California .....                    | 4,254            | 6,729            | 68,215           | 86,622           | 34,810           | 45,033           |
| Hawaii .....                        | 7                | 9                | 6,457            | 6,094            | 1,200            | 2,011            |
| Nevada .....                        | 5,170            | 5,911            | 9,056            | 11,190           | 57,596           | 58,091           |
| Oregon .....                        | 27,061           | 27,423           | 20,712           | 27,734           | 17,519           | 29,763           |
| Washington .....                    | 46,993           | 48,464           | 23,615           | 25,160           | 9,501            | 18,168           |

See footnotes at end of table.

Table 16. Adjusted Sales of Distillate Fuel Oil by End Use, 1999 and 2000 (Continued)

(Thousand Gallons)

| Destination                         | Oil Company    |                | Farm             |                  | Electric Utility |                |
|-------------------------------------|----------------|----------------|------------------|------------------|------------------|----------------|
|                                     | 1999           | 2000           | 1999             | 2000             | 1999             | 2000           |
| <b>U.S. Total</b> .....             | <b>576,997</b> | <b>684,620</b> | <b>2,899,222</b> | <b>3,168,409</b> | <b>912,807</b>   | <b>793,162</b> |
| <b>PAD District I Total</b> .....   | <b>10,153</b>  | <b>19,101</b>  | <b>457,479</b>   | <b>432,535</b>   | <b>391,365</b>   | <b>304,717</b> |
| <b>Subdistrict IA Total</b> .....   | <b>12</b>      | <b>268</b>     | <b>27,381</b>    | <b>24,064</b>    | <b>15,017</b>    | <b>11,295</b>  |
| Connecticut .....                   | 10             | 268            | 4,648            | 4,899            | 2,294            | 1,813          |
| Maine .....                         | -              | -              | 7,308            | 5,811            | 758              | 249            |
| Massachusetts .....                 | 2              | -              | 5,480            | 2,816            | 8,605            | 5,532          |
| New Hampshire .....                 | -              | -              | 2,690            | 3,731            | 1,789            | 1,023          |
| Rhode Island .....                  | -              | -              | 345              | 99               | 1,411            | 1,197          |
| Vermont .....                       | -              | -              | 6,909            | 6,708            | 161              | 1,481          |
| <b>Subdistrict IB Total</b> .....   | <b>5,125</b>   | <b>12,623</b>  | <b>119,145</b>   | <b>108,616</b>   | <b>115,427</b>   | <b>87,998</b>  |
| Delaware .....                      | 2,368          | 4,237          | 7,182            | 7,286            | 9,778            | 4,473          |
| District of Columbia .....          | -              | -              | -                | -                | 25,565           | 12,933         |
| Maryland .....                      | 15             | 4              | 25,131           | 22,842           | 23,340           | 16,504         |
| New Jersey .....                    | 222            | 2,843          | 14,836           | 8,351            | 8,557            | 7,172          |
| New York .....                      | 9              | 6              | 40,074           | 42,428           | 3,047            | 3,010          |
| Pennsylvania .....                  | 2,510          | 5,534          | 31,922           | 27,709           | 45,141           | 43,907         |
| <b>Subdistrict IC Total</b> .....   | <b>5,016</b>   | <b>6,209</b>   | <b>310,953</b>   | <b>299,855</b>   | <b>260,922</b>   | <b>205,423</b> |
| Florida .....                       | 213            | 309            | 113,775          | 98,469           | 159,238          | 102,713        |
| Georgia .....                       | 771            | 302            | 100,244          | 106,712          | 27,675           | 26,921         |
| North Carolina .....                | 119            | 155            | 37,848           | 40,594           | 26,385           | 33,694         |
| South Carolina .....                | -              | 100            | 14,112           | 15,100           | 16,271           | 16,240         |
| Virginia .....                      | 3              | 596            | 40,034           | 36,350           | 16,189           | 14,394         |
| West Virginia .....                 | 3,911          | 4,746          | 4,940            | 2,631            | 15,163           | 11,460         |
| <b>PAD District II Total</b> .....  | <b>26,160</b>  | <b>41,727</b>  | <b>1,381,814</b> | <b>1,611,956</b> | <b>242,885</b>   | <b>133,971</b> |
| Illinois .....                      | 266            | 1,409          | 132,416          | 167,239          | 14,329           | 9,138          |
| Indiana .....                       | 2,164          | 2,623          | 68,994           | 72,241           | 51,543           | 17,307         |
| Iowa .....                          | -              | -              | 162,717          | 208,096          | 13,368           | 4,173          |
| Kansas .....                        | 4,480          | 6,904          | 143,085          | 142,500          | 15,708           | 8,411          |
| Kentucky .....                      | 407            | 745            | 26,520           | 29,647           | 9,402            | 6,982          |
| Michigan .....                      | 287            | -              | 72,631           | 68,798           | 31,651           | 16,906         |
| Minnesota .....                     | -              | 4              | 119,124          | 110,912          | 9,678            | 4,704          |
| Missouri .....                      | 46             | 10             | 68,418           | 64,894           | 18,483           | 9,154          |
| Nebraska .....                      | 21             | -              | 129,831          | 165,051          | 4,579            | 2,577          |
| North Dakota .....                  | 1,514          | 5,608          | 74,459           | 95,563           | 2,726            | 1,931          |
| Ohio .....                          | 266            | 2,249          | 64,604           | 68,912           | 46,656           | 28,211         |
| Oklahoma .....                      | 16,635         | 22,143         | 63,335           | 73,666           | 1,527            | 2,109          |
| South Dakota .....                  | 73             | 25             | 60,820           | 63,314           | 950              | 2,479          |
| Tennessee .....                     | -              | 7              | 32,365           | 39,064           | 15,065           | 15,983         |
| Wisconsin .....                     | 2              | -              | 162,496          | 242,058          | 7,220            | 3,904          |
| <b>PAD District III Total</b> ..... | <b>466,646</b> | <b>560,905</b> | <b>560,850</b>   | <b>552,104</b>   | <b>46,766</b>    | <b>194,786</b> |
| Alabama .....                       | 615            | 136            | 23,616           | 21,789           | 9,095            | 7,823          |
| Arkansas .....                      | 1,666          | 1,540          | 88,045           | 101,874          | 16,454           | 4,027          |
| Louisiana .....                     | 238,523        | 294,331        | 73,758           | 80,639           | 3,457            | 13,108         |
| Mississippi .....                   | 3,759          | 3,678          | 66,903           | 71,241           | 2,894            | 2,105          |
| New Mexico .....                    | 14,329         | 28,282         | 21,898           | 15,173           | 2,878            | 2,268          |
| Texas .....                         | 207,755        | 232,938        | 286,630          | 261,388          | 11,988           | 165,455        |
| <b>PAD District IV Total</b> .....  | <b>22,016</b>  | <b>29,245</b>  | <b>197,495</b>   | <b>220,437</b>   | <b>9,588</b>     | <b>8,492</b>   |
| Colorado .....                      | 5,719          | 6,897          | 54,457           | 60,411           | 3,426            | 4,680          |
| Idaho .....                         | -              | -              | 54,333           | 61,971           | 10               | 14             |
| Montana .....                       | 2,265          | 2,286          | 55,850           | 58,900           | 105              | 13             |
| Utah .....                          | 2,033          | 3,242          | 13,978           | 17,249           | 2,241            | 1,362          |
| Wyoming .....                       | 11,998         | 16,820         | 18,877           | 21,907           | 3,807            | 2,423          |
| <b>PAD District V Total</b> .....   | <b>52,021</b>  | <b>33,643</b>  | <b>301,584</b>   | <b>351,377</b>   | <b>222,203</b>   | <b>151,196</b> |
| Alaska .....                        | 44,666         | 25,912         | 9                | 31               | 74,832           | 36,124         |
| Arizona .....                       | 48             | 71             | 18,152           | 16,642           | 6,517            | 7,559          |
| California .....                    | 6,588          | 6,244          | 220,502          | 254,148          | 8,772            | 7,910          |
| Hawaii .....                        | 53             | 45             | 6,234            | 7,621            | 124,906          | 90,043         |
| Nevada .....                        | 28             | 33             | 3,653            | 4,557            | 1,399            | 857            |
| Oregon .....                        | 151            | 430            | 28,207           | 42,729           | 2,564            | 4,811          |
| Washington .....                    | 487            | 908            | 24,827           | 25,647           | 3,213            | 3,893          |

See footnotes at end of table.

**Table 16. Adjusted Sales of Distillate Fuel Oil by End Use, 1999 and 2000 (Continued)**

(Thousand Gallons)

| Destination                         | Railroad         |                  | Vessel Bunkering |                  | On-Highway        |                   |
|-------------------------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|
|                                     | 1999             | 2000             | 1999             | 2000             | 1999              | 2000              |
| <b>U.S. Total</b> .....             | <b>2,789,926</b> | <b>3,070,766</b> | <b>2,064,590</b> | <b>2,080,599</b> | <b>32,062,447</b> | <b>33,129,664</b> |
| <b>PAD District I Total</b> .....   | <b>442,247</b>   | <b>499,787</b>   | <b>477,035</b>   | <b>490,150</b>   | <b>9,939,376</b>  | <b>10,228,244</b> |
| <b>Subdistrict IA Total</b> .....   | <b>21,623</b>    | <b>32,368</b>    | <b>44,275</b>    | <b>37,593</b>    | <b>1,007,035</b>  | <b>994,438</b>    |
| Connecticut .....                   | 7,149            | 10,419           | 4,354            | 2,765            | 235,423           | 223,858           |
| Maine .....                         | 1,775            | 2,939            | 6,489            | 7,170            | 148,739           | 165,548           |
| Massachusetts .....                 | 11,425           | 18,057           | 21,843           | 21,049           | 377,063           | 398,877           |
| New Hampshire .....                 | 2                | 2                | 578              | 717              | 103,255           | 99,104            |
| Rhode Island .....                  | 288              | -                | 10,578           | 5,328            | 55,570            | 54,105            |
| Vermont .....                       | 983              | 950              | 433              | 565              | 86,985            | 52,946            |
| <b>Subdistrict IB Total</b> .....   | <b>111,548</b>   | <b>169,518</b>   | <b>167,240</b>   | <b>186,750</b>   | <b>3,673,911</b>  | <b>3,659,966</b>  |
| Delaware .....                      | 527              | 177              | 3,467            | 32,761           | 57,458            | 58,093            |
| District of Columbia .....          | 3,594            | 3,648            | 3                | 3                | 22,114            | 23,124            |
| Maryland .....                      | 7,970            | 5,283            | 30,025           | 26,534           | 486,350           | 499,287           |
| New Jersey .....                    | 17,734           | 15,398           | 83,772           | 91,954           | 769,039           | 784,719           |
| New York .....                      | 31,658           | 42,446           | 14,658           | 14,488           | 1,011,088         | 946,272           |
| Pennsylvania .....                  | 50,066           | 102,565          | 35,315           | 21,011           | 1,327,862         | 1,348,471         |
| <b>Subdistrict IC Total</b> .....   | <b>309,075</b>   | <b>297,901</b>   | <b>265,520</b>   | <b>265,807</b>   | <b>5,258,430</b>  | <b>5,573,840</b>  |
| Florida .....                       | 127,269          | 108,506          | 139,809          | 125,220          | 1,239,423         | 1,274,869         |
| Georgia .....                       | 73,494           | 69,301           | 17,697           | 23,405           | 1,322,651         | 1,381,691         |
| North Carolina .....                | 53,900           | 60,129           | 11,279           | 8,726            | 879,015           | 1,017,088         |
| South Carolina .....                | 13,051           | 15,387           | 12,732           | 12,681           | 590,776           | 617,908           |
| Virginia .....                      | 32,202           | 34,587           | 29,444           | 38,475           | 952,594           | 992,580           |
| West Virginia .....                 | 9,160            | 9,991            | 54,560           | 57,301           | 273,971           | 289,704           |
| <b>PAD District II Total</b> .....  | <b>1,131,980</b> | <b>1,232,993</b> | <b>572,934</b>   | <b>301,356</b>   | <b>10,776,359</b> | <b>11,140,616</b> |
| Illinois .....                      | 123,357          | 107,581          | 37,997           | 47,628           | 1,292,335         | 1,275,542         |
| Indiana .....                       | 72,647           | 75,237           | 38,933           | 43,808           | 1,228,811         | 1,272,013         |
| Iowa .....                          | 37,658           | 25,754           | 7,120            | 5,257            | 494,842           | 496,774           |
| Kansas .....                        | 61,599           | 53,692           | -                | 957              | 374,267           | 359,912           |
| Kentucky .....                      | 98,941           | 102,225          | 81,811           | 81,012           | 703,236           | 828,750           |
| Michigan .....                      | 47,516           | 44,007           | 3,942            | 4,947            | 905,067           | 911,342           |
| Minnesota .....                     | 61,201           | 62,747           | 5,916            | 4,285            | 604,536           | 656,568           |
| Missouri .....                      | 26,431           | 29,999           | 347,323          | 62,118           | 862,295           | 917,569           |
| Nebraska .....                      | 192,024          | 70,919           | 57               | 22               | 359,379           | 362,705           |
| North Dakota .....                  | 45,407           | 38,630           | -                | -                | 141,280           | 141,486           |
| Ohio .....                          | 80,631           | 149,585          | 2,922            | 3,593            | 1,516,451         | 1,504,632         |
| Oklahoma .....                      | 188,382          | 332,110          | 614              | 191              | 616,296           | 728,583           |
| South Dakota .....                  | 4,529            | 4,152            | -                | -                | 145,298           | 146,170           |
| Tennessee .....                     | 44,083           | 82,478           | 43,867           | 44,195           | 860,020           | 889,379           |
| Wisconsin .....                     | 47,573           | 53,877           | 2,433            | 3,343            | 672,246           | 649,191           |
| <b>PAD District III Total</b> ..... | <b>677,282</b>   | <b>686,342</b>   | <b>791,814</b>   | <b>1,033,333</b> | <b>5,376,448</b>  | <b>5,643,703</b>  |
| Alabama .....                       | 42,137           | 47,940           | 67,455           | 85,737           | 742,059           | 766,750           |
| Arkansas .....                      | 47,053           | 45,430           | 4,391            | 125              | 556,238           | 586,466           |
| Louisiana .....                     | 26,941           | 45,252           | 445,873          | 559,603          | 585,564           | 579,895           |
| Mississippi .....                   | 14,267           | 21,684           | 12,749           | 33,109           | 555,765           | 512,739           |
| New Mexico .....                    | 236              | 5,963            | -                | -                | 398,559           | 404,044           |
| Texas .....                         | 546,647          | 520,073          | 261,347          | 354,760          | 2,538,263         | 2,793,809         |
| <b>PAD District IV Total</b> .....  | <b>271,050</b>   | <b>344,586</b>   | <b>434</b>       | <b>173</b>       | <b>1,484,538</b>  | <b>1,474,611</b>  |
| Colorado .....                      | 50,811           | 49,267           | -                | -                | 437,787           | 461,178           |
| Idaho .....                         | 29,778           | 46,797           | 254              | 150              | 214,688           | 215,438           |
| Montana .....                       | 62,303           | 79,100           | -                | -                | 187,434           | 189,707           |
| Utah .....                          | 23,425           | 33,463           | 36               | 24               | 300,016           | 337,256           |
| Wyoming .....                       | 104,733          | 135,959          | 145              | -                | 344,613           | 271,032           |
| <b>PAD District V Total</b> .....   | <b>267,368</b>   | <b>307,059</b>   | <b>222,373</b>   | <b>255,586</b>   | <b>4,485,726</b>  | <b>4,642,490</b>  |
| Alaska .....                        | 3,330            | 3,999            | 71,786           | 80,320           | 75,031            | 90,999            |
| Arizona .....                       | 2,270            | 3,897            | 18               | 22               | 660,624           | 630,293           |
| California .....                    | 152,415          | 189,444          | 73,039           | 100,623          | 2,458,325         | 2,632,760         |
| Hawaii .....                        | -                | -                | 15,683           | 13,445           | 32,680            | 33,506            |
| Nevada .....                        | 3,912            | 7,033            | -                | -                | 261,630           | 263,275           |
| Oregon .....                        | 65,433           | 75,417           | 9,995            | 9,554            | 428,584           | 429,014           |
| Washington .....                    | 40,010           | 27,268           | 51,850           | 51,622           | 568,852           | 562,643           |

See footnotes at end of table.

Table 16. Adjusted Sales of Distillate Fuel Oil by End Use, 1999 and 2000 (Continued)

(Thousand Gallons)

| Destination                         | Military       |                | Off-Highway      |                  | All Other |      | Total             |                   |
|-------------------------------------|----------------|----------------|------------------|------------------|-----------|------|-------------------|-------------------|
|                                     | 1999           | 2000           | 1999             | 2000             | 1999      | 2000 | 1999              | 2000              |
| <b>U.S. Total</b> .....             | <b>288,926</b> | <b>233,210</b> | <b>2,142,313</b> | <b>2,330,370</b> | -         | -    | <b>54,758,718</b> | <b>57,217,230</b> |
| <b>PAD District I Total</b> .....   | <b>67,490</b>  | <b>70,801</b>  | <b>647,976</b>   | <b>669,923</b>   | -         | -    | <b>20,225,730</b> | <b>20,905,962</b> |
| Subdistrict IA Total .....          | 5,805          | 8,444          | 64,992           | 61,252           | -         | -    | 3,804,050         | 3,921,699         |
| Connecticut .....                   | 754            | 2,054          | 11,265           | 13,802           | -         | -    | 939,812           | 961,982           |
| Maine .....                         | 2,869          | 4,379          | 14,328           | 9,794            | -         | -    | 636,418           | 627,818           |
| Massachusetts .....                 | 464            | 190            | 26,447           | 19,782           | -         | -    | 1,385,177         | 1,511,098         |
| New Hampshire .....                 | 977            | 1,657          | 6,461            | 12,059           | -         | -    | 378,265           | 385,893           |
| Rhode Island .....                  | 288            | 31             | 3,433            | 2,447            | -         | -    | 233,022           | 223,446           |
| Vermont .....                       | 453            | 133            | 3,058            | 3,369            | -         | -    | 231,355           | 211,462           |
| Subdistrict IB Total .....          | 22,721         | 23,653         | 191,891          | 199,636          | -         | -    | 8,410,395         | 8,673,611         |
| Delaware .....                      | 334            | 381            | 6,300            | 5,474            | -         | -    | 143,785           | 172,020           |
| District of Columbia .....          | 186            | 4,446          | 5,921            | 1,333            | -         | -    | 80,340            | 76,777            |
| Maryland .....                      | 3,984          | 4,063          | 25,790           | 38,094           | -         | -    | 942,076           | 935,247           |
| New Jersey .....                    | 1,026          | 641            | 35,918           | 34,950           | -         | -    | 1,554,361         | 1,516,542         |
| New York .....                      | 5,658          | 4,289          | 47,902           | 44,052           | -         | -    | 2,997,164         | 3,163,567         |
| Pennsylvania .....                  | 11,532         | 9,833          | 70,060           | 75,733           | -         | -    | 2,692,669         | 2,809,457         |
| Subdistrict IC Total .....          | 38,965         | 38,704         | 391,093          | 409,034          | -         | -    | 8,011,285         | 8,310,652         |
| Florida .....                       | 9,228          | 13,105         | 98,235           | 107,178          | -         | -    | 2,023,831         | 1,985,240         |
| Georgia .....                       | 4,234          | 2,950          | 108,915          | 92,440           | -         | -    | 1,762,001         | 1,816,701         |
| North Carolina .....                | 11,470         | 2,947          | 54,066           | 61,201           | -         | -    | 1,364,799         | 1,528,911         |
| South Carolina .....                | 1,968          | 1,596          | 46,586           | 51,008           | -         | -    | 792,531           | 803,603           |
| Virginia .....                      | 11,748         | 17,950         | 67,387           | 79,601           | -         | -    | 1,552,847         | 1,654,195         |
| West Virginia .....                 | 317            | 155            | 15,904           | 17,606           | -         | -    | 515,276           | 522,002           |
| <b>PAD District II Total</b> .....  | <b>36,312</b>  | <b>36,100</b>  | <b>593,588</b>   | <b>608,307</b>   | -         | -    | <b>16,561,356</b> | <b>16,904,328</b> |
| Illinois .....                      | 7,081          | 903            | 75,281           | 87,423           | -         | -    | 1,832,984         | 1,847,905         |
| Indiana .....                       | 3,460          | 285            | 30,534           | 47,665           | -         | -    | 1,701,471         | 1,731,627         |
| Iowa .....                          | 492            | 182            | 36,879           | 28,933           | -         | -    | 818,814           | 822,101           |
| Kansas .....                        | 178            | 457            | 20,513           | 23,796           | -         | -    | 654,888           | 633,642           |
| Kentucky .....                      | 2,063          | 957            | 39,605           | 42,250           | -         | -    | 1,146,533         | 1,270,739         |
| Michigan .....                      | 421            | 423            | 66,766           | 61,453           | -         | -    | 1,344,402         | 1,331,732         |
| Minnesota .....                     | 1,373          | 534            | 45,680           | 44,945           | -         | -    | 999,390           | 1,062,417         |
| Missouri .....                      | 4,105          | 3,016          | 64,465           | 52,696           | -         | -    | 1,495,650         | 1,232,095         |
| Nebraska .....                      | 2,641          | 1,051          | 15,609           | 18,532           | -         | -    | 730,489           | 638,615           |
| North Dakota .....                  | 489            | 394            | 8,264            | 10,044           | -         | -    | 307,720           | 329,784           |
| Ohio .....                          | 4,324          | 20,972         | 71,006           | 62,055           | -         | -    | 2,053,019         | 2,105,618         |
| Oklahoma .....                      | 131            | 351            | 23,886           | 37,757           | -         | -    | 932,571           | 1,212,114         |
| South Dakota .....                  | 1,996          | 28             | 9,274            | 10,186           | -         | -    | 251,203           | 255,515           |
| Tennessee .....                     | 1,568          | 595            | 41,001           | 36,205           | -         | -    | 1,111,305         | 1,185,934         |
| Wisconsin .....                     | 5,991          | 5,952          | 44,825           | 44,366           | -         | -    | 1,180,918         | 1,244,491         |
| <b>PAD District III Total</b> ..... | <b>119,897</b> | <b>9,250</b>   | <b>466,721</b>   | <b>516,989</b>   | -         | -    | <b>9,079,602</b>  | <b>9,965,508</b>  |
| Alabama .....                       | 1,999          | 2,515          | 58,461           | 53,949           | -         | -    | 1,039,526         | 1,078,453         |
| Arkansas .....                      | 1,150          | 202            | 42,192           | 64,222           | -         | -    | 780,685           | 835,846           |
| Louisiana .....                     | 4,419          | 2,568          | 83,786           | 84,022           | -         | -    | 1,528,530         | 1,737,969         |
| Mississippi .....                   | 2,864          | 2,669          | 39,841           | 36,375           | -         | -    | 760,264           | 732,705           |
| New Mexico .....                    | 1,235          | 325            | 21,591           | 23,522           | -         | -    | 505,854           | 527,901           |
| Texas .....                         | 108,230        | 971            | 220,851          | 254,899          | -         | -    | 4,464,744         | 5,052,634         |
| <b>PAD District IV Total</b> .....  | <b>2,932</b>   | <b>4,163</b>   | <b>184,732</b>   | <b>180,094</b>   | -         | -    | <b>2,525,922</b>  | <b>2,644,614</b>  |
| Colorado .....                      | 537            | 793            | 64,285           | 81,774           | -         | -    | 683,917           | 724,255           |
| Idaho .....                         | 680            | 615            | 34,500           | 30,383           | -         | -    | 409,670           | 434,407           |
| Montana .....                       | 210            | 59             | 18,925           | 21,069           | -         | -    | 362,203           | 386,042           |
| Utah .....                          | 1,310          | 2,621          | 32,995           | 27,446           | -         | -    | 444,200           | 489,712           |
| Wyoming .....                       | 195            | 75             | 34,026           | 19,423           | -         | -    | 625,932           | 610,198           |
| <b>PAD District V Total</b> .....   | <b>62,295</b>  | <b>112,895</b> | <b>249,297</b>   | <b>355,056</b>   | -         | -    | <b>6,366,108</b>  | <b>6,796,818</b>  |
| Alaska .....                        | 4,544          | 6,044          | 20,342           | 13,377           | -         | -    | 394,450           | 361,281           |
| Arizona .....                       | -              | -              | 37,501           | 40,770           | -         | -    | 796,299           | 783,893           |
| California .....                    | 7,082          | 7,232          | 105,005          | 215,998          | -         | -    | 3,139,007         | 3,552,744         |
| Hawaii .....                        | 17,469         | 10,706         | 3,134            | 3,515            | -         | -    | 207,822           | 166,995           |
| Nevada .....                        | 554            | 751            | 6,805            | 16,109           | -         | -    | 349,802           | 367,806           |
| Oregon .....                        | 1,732          | 945            | 21,684           | 27,601           | -         | -    | 623,641           | 675,421           |
| Washington .....                    | 30,914         | 87,218         | 54,826           | 37,687           | -         | -    | 855,087           | 888,677           |

E Estimated data.

Dashes (-) = No data reported.

Note: Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1999 and 2000.

• Electric Utility data are based on data obtained on Form EIA-759, "Monthly Power Plant Report," and Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

• On-Highway Diesel data are derived from Federal Highway Administration statistics of highway special fuels use.

Table 17. Adjusted Sales of Residual Fuel Oil by End Use, 1999 and 2000

(Thousand Gallons)

| Destination                         | Commercial     |                | Industrial       |                  | Oil Company    |                | Electric Utility |                  |
|-------------------------------------|----------------|----------------|------------------|------------------|----------------|----------------|------------------|------------------|
|                                     | 1999           | 2000           | 1999             | 2000             | 1999           | 2000           | 1999             | 2000             |
| <b>U.S. Total</b> .....             | <b>619,429</b> | <b>775,845</b> | <b>1,630,313</b> | <b>1,851,139</b> | <b>118,898</b> | <b>179,285</b> | <b>4,729,990</b> | <b>3,633,075</b> |
| <b>PAD District I Total</b> .....   | <b>589,678</b> | <b>744,122</b> | <b>1,235,458</b> | <b>1,386,888</b> | <b>77,771</b>  | <b>85,516</b>  | <b>3,945,889</b> | <b>3,000,908</b> |
| <b>Subdistrict IA Total</b> .....   | <b>110,052</b> | <b>133,312</b> | <b>403,273</b>   | <b>415,218</b>   | -              | -              | <b>695,955</b>   | <b>381,994</b>   |
| Connecticut .....                   | 11,158         | 11,612         | 21,434           | 19,915           | -              | -              | 460,253          | 116,886          |
| Maine .....                         | 5,772          | 13,470         | 280,575          | 283,080          | -              | -              | 53,656           | 28,583           |
| Massachusetts .....                 | 62,918         | 73,901         | 47,781           | 58,407           | -              | -              | 45,585           | 200,454          |
| New Hampshire .....                 | 6,682          | 6,633          | 31,470           | 29,089           | -              | -              | 119,948          | 16,392           |
| Rhode Island .....                  | 19,734         | 22,298         | 14,145           | 13,679           | -              | -              | 16,513           | 19,679           |
| Vermont .....                       | 3,787          | 5,398          | 7,868            | 11,048           | -              | -              | -                | -                |
| <b>Subdistrict IB Total</b> .....   | <b>463,446</b> | <b>578,124</b> | <b>237,062</b>   | <b>264,630</b>   | <b>77,528</b>  | <b>85,516</b>  | <b>1,286,190</b> | <b>733,124</b>   |
| Delaware .....                      | 5,285          | 12,035         | 41,559           | 34,959           | 20,571         | 41,577         | 64,576           | 23,117           |
| District of Columbia .....          | 95             | 29             | -                | 5                | -              | -              | -                | -                |
| Maryland .....                      | 2,770          | 4,628          | 30,739           | 28,390           | 737            | 752            | 269,717          | 72,549           |
| New Jersey .....                    | 31,380         | 25,487         | 27,315           | 29,243           | 6,325          | 2,201          | 150,163          | 113,069          |
| New York .....                      | 395,230        | 502,184        | 85,388           | 105,959          | 840            | 843            | 659,514          | 443,546          |
| Pennsylvania .....                  | 28,686         | 33,761         | 52,062           | 66,074           | 49,056         | 40,143         | 142,220          | 80,843           |
| <b>Subdistrict IC Total</b> .....   | <b>16,181</b>  | <b>32,686</b>  | <b>595,123</b>   | <b>707,040</b>   | <b>243</b>     | -              | <b>1,963,744</b> | <b>1,885,790</b> |
| Florida .....                       | 692            | 812            | 165,214          | 179,119          | -              | -              | 1,827,562        | 1,778,307        |
| Georgia .....                       | 10             | 256            | 55,952           | 69,216           | -              | -              | 6,182            | 19,685           |
| North Carolina .....                | 5,325          | 5,997          | 219,238          | 251,337          | -              | -              | 48               | -                |
| South Carolina .....                | 510            | 2,685          | 59,410           | 92,368           | 104            | -              | 5,356            | 4,052            |
| Virginia .....                      | 9,644          | 22,937         | 90,382           | 99,413           | 139            | -              | 124,597          | 83,746           |
| West Virginia .....                 | -              | -              | 4,928            | 15,587           | -              | -              | -                | -                |
| <b>PAD District II Total</b> .....  | <b>24,351</b>  | <b>25,165</b>  | <b>197,584</b>   | <b>267,993</b>   | <b>19,701</b>  | <b>27,377</b>  | <b>101,411</b>   | <b>61,959</b>    |
| Illinois .....                      | 4,157          | 742            | 8,328            | 12,205           | -              | 744            | 17,191           | 7,887            |
| Indiana .....                       | 126            | 82             | 16,661           | 24,699           | 2              | -              | -                | -                |
| Iowa .....                          | -              | 135            | 5,326            | 7,461            | -              | -              | -                | 206              |
| Kansas .....                        | -              | 168            | 11,862           | 21,367           | -              | -              | 8,239            | 7,866            |
| Kentucky .....                      | 39             | 433            | 4,072            | 4,335            | -              | -              | -                | 25               |
| Michigan .....                      | 140            | 255            | 12,263           | 27,455           | 5,344          | 5,619          | 73,496           | 43,501           |
| Minnesota .....                     | 8,234          | 7,301          | 14,545           | 22,846           | 6,406          | 7,502          | 2,205            | 2,075            |
| Missouri .....                      | 1,404          | 1,670          | 5,796            | 3,831            | -              | -              | -                | 107              |
| Nebraska .....                      | 155            | 439            | 3,692            | 6,139            | -              | -              | -                | -                |
| North Dakota .....                  | 793            | 656            | 2,449            | 3,494            | -              | -              | 281              | 292              |
| Ohio .....                          | -              | -              | 59,738           | 74,875           | 3,620          | 4,235          | -                | -                |
| Oklahoma .....                      | -              | -              | 5,902            | 9,224            | -              | 3,389          | -                | -                |
| South Dakota .....                  | 412            | 3,692          | 4,262            | 3,375            | -              | -              | -                | -                |
| Tennessee .....                     | -              | -              | 2,642            | 3,500            | -              | -              | -                | -                |
| Wisconsin .....                     | 8,891          | 9,592          | 40,047           | 43,186           | 4,329          | 5,888          | -                | -                |
| <b>PAD District III Total</b> ..... | <b>-</b>       | <b>11</b>      | <b>137,644</b>   | <b>171,206</b>   | <b>-</b>       | <b>2,275</b>   | <b>237,281</b>   | <b>199,854</b>   |
| Alabama .....                       | -              | 11             | 31,535           | 68,982           | -              | 2,275          | -                | -                |
| Arkansas .....                      | -              | -              | 886              | 473              | -              | -              | 4,519            | 7,609            |
| Louisiana .....                     | -              | -              | 63,436           | 72,838           | -              | -              | 31,018           | 24,570           |
| Mississippi .....                   | -              | -              | 609              | 370              | -              | -              | 201,743          | 162,758          |
| New Mexico .....                    | -              | -              | 7,467            | 7,166            | -              | -              | -                | -                |
| Texas .....                         | -              | -              | 33,711           | 21,377           | -              | -              | -                | 4,915            |
| <b>PAD District IV Total</b> .....  | <b>691</b>     | <b>914</b>     | <b>3,897</b>     | <b>4,222</b>     | <b>490</b>     | <b>-</b>       | <b>-</b>         | <b>-</b>         |
| Colorado .....                      | 57             | -              | 45               | -                | -              | -              | -                | -                |
| Idaho .....                         | -              | -              | 319              | 105              | -              | -              | -                | -                |
| Montana .....                       | 117            | 35             | 491              | -                | 469            | -              | -                | -                |
| Utah .....                          | 517            | 867            | 2,643            | 2,902            | 21             | -              | -                | -                |
| Wyoming .....                       | -              | 13             | 400              | 1,215            | -              | -              | -                | -                |
| <b>PAD District V Total</b> .....   | <b>4,708</b>   | <b>5,632</b>   | <b>55,730</b>    | <b>20,829</b>    | <b>20,936</b>  | <b>64,116</b>  | <b>445,409</b>   | <b>370,354</b>   |
| Alaska .....                        | -              | -              | -                | -                | -              | -              | -                | -                |
| Arizona .....                       | -              | -              | 1,453            | 1,228            | -              | -              | -                | -                |
| California .....                    | -              | 27             | 26,451           | 5,738            | 3,816          | -              | -                | 976              |
| Hawaii .....                        | 306            | 444            | 577              | 1,625            | 17,087         | 21,682         | 445,409          | 369,378          |
| Nevada .....                        | 356            | 446            | 1,005            | -                | -              | -              | -                | -                |
| Oregon .....                        | 2,544          | 3,274          | 7,601            | 7,328            | 32             | 45             | -                | -                |
| Washington .....                    | 1,503          | 1,441          | 18,643           | 4,910            | 1              | 42,389         | -                | -                |

See footnotes at end of table.

**Table 17. Adjusted Sales of Residual Fuel Oil by End Use, 1999 and 2000 (Continued)**

(Thousand Gallons)

| Destination                         | Vessel Bunkering |                  | Military      |               | All Other    |              | Total             |                   |
|-------------------------------------|------------------|------------------|---------------|---------------|--------------|--------------|-------------------|-------------------|
|                                     | 1999             | 2000             | 1999          | 2000          | 1999         | 2000         | 1999              | 2000              |
| <b>U.S. Total</b> .....             | <b>5,598,630</b> | <b>7,485,487</b> | <b>24,647</b> | <b>33,198</b> | <b>4,009</b> | <b>8,107</b> | <b>12,725,916</b> | <b>13,966,134</b> |
| <b>PAD District I Total</b> .....   | <b>1,614,335</b> | <b>2,340,865</b> | <b>19,628</b> | <b>16,430</b> | <b>3,863</b> | <b>7,997</b> | <b>7,486,623</b>  | <b>7,582,726</b>  |
| <b>Subdistrict IA Total</b> .....   | <b>6,028</b>     | <b>64,739</b>    | <b>5,896</b>  | <b>2,495</b>  | <b>139</b>   | <b>449</b>   | <b>1,221,343</b>  | <b>998,206</b>    |
| Connecticut .....                   | 23               | 500              | 630           | 658           | 57           | 306          | 493,556           | 149,877           |
| Maine .....                         | 4,889            | 35,525           | 5,031         | 1,575         | -            | -            | 349,923           | 362,233           |
| Massachusetts .....                 | 933              | 28,422           | 207           | 262           | 41           | 143          | 157,465           | 361,588           |
| New Hampshire .....                 | 8                | -                | 28            | -             | -            | -            | 158,136           | 52,114            |
| Rhode Island .....                  | 175              | 292              | -             | -             | -            | -            | 50,567            | 55,948            |
| Vermont .....                       | -                | -                | -             | -             | 41           | -            | 11,696            | 16,446            |
| <b>Subdistrict IB Total</b> .....   | <b>1,076,828</b> | <b>1,452,022</b> | <b>9,022</b>  | <b>11,144</b> | <b>-</b>     | <b>-</b>     | <b>3,150,076</b>  | <b>3,124,561</b>  |
| Delaware .....                      | 92,459           | 86,506           | 149           | 579           | -            | -            | 224,599           | 198,772           |
| District of Columbia .....          | -                | -                | -             | -             | -            | -            | 95                | 34                |
| Maryland .....                      | 47,484           | 35,985           | 4,427         | 5,911         | -            | -            | 355,873           | 148,216           |
| New Jersey .....                    | 343,418          | 650,432          | 745           | 719           | -            | -            | 559,346           | 821,150           |
| New York .....                      | 329,969          | 429,130          | 1,403         | 3,640         | -            | -            | 1,472,344         | 1,485,302         |
| Pennsylvania .....                  | 263,497          | 249,970          | 2,298         | 296           | -            | -            | 537,818           | 471,086           |
| <b>Subdistrict IC Total</b> .....   | <b>531,479</b>   | <b>824,103</b>   | <b>4,710</b>  | <b>2,791</b>  | <b>3,724</b> | <b>7,548</b> | <b>3,115,204</b>  | <b>3,459,959</b>  |
| Florida .....                       | 404,228          | 531,375          | -             | -             | 3,436        | 7,029        | 2,401,132         | 2,496,642         |
| Georgia .....                       | 40,117           | 43,812           | -             | -             | -            | -            | 102,261           | 132,969           |
| North Carolina .....                | 6,989            | 6,809            | -             | -             | 288          | 519          | 231,887           | 264,661           |
| South Carolina .....                | 20,056           | 19,868           | -             | -             | -            | -            | 85,435            | 118,973           |
| Virginia .....                      | 60,090           | 222,240          | 4,710         | 2,791         | -            | -            | 289,562           | 431,127           |
| West Virginia .....                 | -                | -                | -             | -             | -            | -            | 4,928             | 15,587            |
| <b>PAD District II Total</b> .....  | <b>17,328</b>    | <b>32,780</b>    | <b>688</b>    | <b>3,902</b>  | <b>73</b>    | <b>53</b>    | <b>361,136</b>    | <b>419,229</b>    |
| Illinois .....                      | 1,315            | 1,014            | 289           | 3,902         | 38           | -            | 31,317            | 26,494            |
| Indiana .....                       | 13,048           | 16,078           | -             | -             | -            | -            | 29,837            | 40,859            |
| Iowa .....                          | -                | -                | -             | -             | -            | -            | 5,326             | 7,801             |
| Kansas .....                        | -                | -                | 399           | -             | -            | -            | 20,500            | 29,401            |
| Kentucky .....                      | -                | -                | -             | -             | -            | -            | 4,111             | 4,792             |
| Michigan .....                      | 1,912            | 2,551            | -             | -             | 35           | 53           | 93,190            | 79,435            |
| Minnesota .....                     | 67               | 11,817           | -             | -             | -            | -            | 31,458            | 51,541            |
| Missouri .....                      | 256              | 310              | -             | -             | -            | -            | 7,456             | 5,918             |
| Nebraska .....                      | -                | -                | -             | -             | -            | -            | 3,847             | 6,577             |
| North Dakota .....                  | -                | -                | -             | -             | -            | -            | 3,524             | 4,443             |
| Ohio .....                          | 383              | 653              | -             | -             | -            | -            | 63,741            | 79,764            |
| Oklahoma .....                      | -                | -                | -             | -             | -            | -            | 5,902             | 12,613            |
| South Dakota .....                  | -                | -                | -             | -             | -            | -            | 4,673             | 7,067             |
| Tennessee .....                     | -                | -                | -             | -             | -            | -            | 2,642             | 3,500             |
| Wisconsin .....                     | 346              | 358              | -             | -             | -            | -            | 53,613            | 59,023            |
| <b>PAD District III Total</b> ..... | <b>2,103,348</b> | <b>2,779,725</b> | <b>-</b>      | <b>12,866</b> | <b>32</b>    | <b>57</b>    | <b>2,478,304</b>  | <b>3,165,994</b>  |
| Alabama .....                       | 46,093           | 153,985          | -             | -             | -            | -            | 77,628            | 225,253           |
| Arkansas .....                      | -                | -                | -             | -             | -            | -            | 5,405             | 8,083             |
| Louisiana .....                     | 1,080,421        | 1,447,036        | -             | -             | -            | -            | 1,174,875         | 1,544,445         |
| Mississippi .....                   | 48,644           | 72,759           | -             | -             | -            | -            | 250,997           | 235,887           |
| New Mexico .....                    | -                | -                | -             | -             | 32           | 57           | 7,499             | 7,222             |
| Texas .....                         | 928,189          | 1,105,945        | -             | 12,866        | -            | -            | 961,901           | 1,145,103         |
| <b>PAD District IV Total</b> .....  | <b>-</b>         | <b>-</b>         | <b>-</b>      | <b>-</b>      | <b>42</b>    | <b>-</b>     | <b>5,119</b>      | <b>5,137</b>      |
| Colorado .....                      | -                | -                | -             | -             | -            | -            | 102               | -                 |
| Idaho .....                         | -                | -                | -             | -             | 1            | -            | 320               | 105               |
| Montana .....                       | -                | -                | -             | -             | -            | -            | 1,076             | 35                |
| Utah .....                          | -                | -                | -             | -             | 17           | -            | 3,197             | 3,769             |
| Wyoming .....                       | -                | -                | -             | -             | 24           | -            | 424               | 1,228             |
| <b>PAD District V Total</b> .....   | <b>1,863,620</b> | <b>2,332,116</b> | <b>4,331</b>  | <b>-</b>      | <b>-</b>     | <b>-</b>     | <b>2,394,734</b>  | <b>2,793,048</b>  |
| Alaska .....                        | 12,216           | 6,283            | -             | -             | -            | -            | 12,216            | 6,283             |
| Arizona .....                       | -                | -                | -             | -             | -            | -            | 1,453             | 1,228             |
| California .....                    | 1,232,773        | 1,786,334        | 979           | -             | -            | -            | 1,264,018         | 1,793,076         |
| Hawaii .....                        | 87,399           | 118,560          | 3,351         | -             | -            | -            | 554,130           | 511,690           |
| Nevada .....                        | -                | -                | -             | -             | -            | -            | 1,361             | 446               |
| Oregon .....                        | 126,939          | 67,536           | -             | -             | -            | -            | 137,116           | 78,182            |
| Washington .....                    | 404,293          | 353,403          | -             | -             | -            | -            | 424,440           | 402,143           |

Dashes (-) = No data reported.

Note: Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1999 and 2000.

• Electric Utility data are based on data obtained on Form EIA-759, "Monthly Power Plant Report," and Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

• Energy Information Administration's "Petroleum Supply Annual," Volume 1, 1999 and 2000, (DOE/EIA-0340(99)/1 - (00)/1).

**Table 18. Adjusted Sales of Kerosene by End Use, 1999 and 2000**

(Thousand Gallons)

| Destination                         | Residential    |                | Commercial     |                | Industrial    |               |
|-------------------------------------|----------------|----------------|----------------|----------------|---------------|---------------|
|                                     | 1999           | 2000           | 1999           | 2000           | 1999          | 2000          |
| <b>U.S. Total</b> .....             | <b>823,436</b> | <b>700,532</b> | <b>199,577</b> | <b>219,633</b> | <b>58,279</b> | <b>86,844</b> |
| <b>PAD District I Total</b> .....   | <b>562,304</b> | <b>575,312</b> | <b>170,373</b> | <b>186,620</b> | <b>33,031</b> | <b>56,347</b> |
| <b>Subdistrict IA Total</b> .....   | <b>108,444</b> | <b>119,859</b> | <b>23,426</b>  | <b>18,957</b>  | <b>8,242</b>  | <b>12,666</b> |
| Connecticut .....                   | 7,413          | 8,358          | 3,424          | 4,978          | 4,045         | 8,013         |
| Maine .....                         | 64,632         | 70,596         | 5,651          | 5,719          | 604           | 485           |
| Massachusetts .....                 | 7,502          | 8,011          | 9,447          | 4,487          | 863           | 345           |
| New Hampshire .....                 | 15,828         | 16,492         | 1,755          | 1,995          | 303           | 282           |
| Rhode Island .....                  | 2,069          | 2,712          | 1,671          | 803            | 777           | 8             |
| Vermont .....                       | 11,000         | 13,691         | 1,478          | 975            | 1,650         | 3,533         |
| <b>Subdistrict IB Total</b> .....   | <b>242,254</b> | <b>255,053</b> | <b>117,764</b> | <b>138,001</b> | <b>16,853</b> | <b>31,149</b> |
| Delaware .....                      | 5,235          | 5,510          | 2,184          | 5,713          | 86            | 262           |
| District of Columbia .....          | 220            | 126            | 9,539          | 10,215         | -             | -             |
| Maryland .....                      | 21,983         | 21,221         | 10,682         | 15,226         | 1,216         | 979           |
| New Jersey .....                    | 11,324         | 12,542         | 52,261         | 49,946         | 8,817         | 18,012        |
| New York .....                      | 97,741         | 98,456         | 28,634         | 39,810         | 1,797         | 4,905         |
| Pennsylvania .....                  | 105,751        | 117,199        | 14,464         | 17,091         | 4,937         | 6,991         |
| <b>Subdistrict IC Total</b> .....   | <b>211,605</b> | <b>200,400</b> | <b>29,183</b>  | <b>29,662</b>  | <b>7,936</b>  | <b>12,532</b> |
| Florida .....                       | 6,762          | 4,163          | 2,574          | 1,186          | 1,667         | 3,369         |
| Georgia .....                       | 10,110         | 8,310          | 1,558          | 1,722          | 799           | 1,201         |
| North Carolina .....                | 83,371         | 83,110         | 7,753          | 9,820          | 1,200         | 1,778         |
| South Carolina .....                | 23,207         | 21,573         | 1,277          | 2,280          | 3,021         | 4,008         |
| Virginia .....                      | 65,027         | 68,945         | 13,327         | 11,604         | 796           | 1,316         |
| West Virginia .....                 | 23,128         | 14,299         | 2,694          | 3,050          | 453           | 860           |
| <b>PAD District II Total</b> .....  | <b>234,778</b> | <b>93,044</b>  | <b>20,027</b>  | <b>24,695</b>  | <b>13,998</b> | <b>15,403</b> |
| Illinois .....                      | 21,850         | 5,102          | 3,534          | 2,859          | 1,241         | 1,987         |
| Indiana .....                       | 55,789         | 15,098         | 1,721          | 2,007          | 1,021         | 755           |
| Iowa .....                          | 990            | 1,096          | 185            | 253            | 61            | 132           |
| Kansas .....                        | 14,537         | 830            | 157            | 216            | 200           | 195           |
| Kentucky .....                      | 36,286         | 13,270         | 2,799          | 2,926          | 4,509         | 3,093         |
| Michigan .....                      | 25,452         | 14,959         | 1,567          | 1,380          | 1,312         | 1,507         |
| Minnesota .....                     | 1,344          | 1,375          | 837            | 2,260          | 64            | 58            |
| Missouri .....                      | 2,298          | 2,889          | 733            | 933            | 341           | 446           |
| Nebraska .....                      | 268            | 335            | 57             | 44             | 9             | 2             |
| North Dakota .....                  | 710            | 118            | 31             | 62             | 10            | 34            |
| Ohio .....                          | 54,378         | 17,604         | 5,411          | 5,553          | 2,560         | 2,575         |
| Oklahoma .....                      | 376            | 2,474          | 487            | 1,349          | 237           | 569           |
| South Dakota .....                  | 179            | 149            | 30             | 33             | 12            | 18            |
| Tennessee .....                     | 17,768         | 15,887         | 2,192          | 4,419          | 2,018         | 3,676         |
| Wisconsin .....                     | 2,555          | 1,857          | 285            | 399            | 404           | 356           |
| <b>PAD District III Total</b> ..... | <b>9,115</b>   | <b>7,057</b>   | <b>5,231</b>   | <b>3,634</b>   | <b>8,021</b>  | <b>13,159</b> |
| Alabama .....                       | 1,846          | 1,944          | 234            | 388            | 672           | 460           |
| Arkansas .....                      | 1,504          | 1,048          | 160            | 189            | 73            | 105           |
| Louisiana .....                     | 2,624          | 1,090          | 382            | 343            | 332           | 2,033         |
| Mississippi .....                   | 874            | 1,476          | 1,828          | 344            | 1,550         | 973           |
| New Mexico .....                    | 951            | 238            | 254            | 345            | 211           | 243           |
| Texas .....                         | 1,316          | 1,262          | 2,374          | 2,025          | 5,184         | 9,345         |
| <b>PAD District IV Total</b> .....  | <b>1,234</b>   | <b>1,858</b>   | <b>624</b>     | <b>589</b>     | <b>688</b>    | <b>330</b>    |
| Colorado .....                      | 686            | 1,220          | 393            | 319            | 87            | 66            |
| Idaho .....                         | 256            | 417            | 62             | 73             | 220           | 77            |
| Montana .....                       | 58             | 7              | 2              | -              | 4             | 3             |
| Utah .....                          | 182            | 156            | 149            | 181            | 201           | 177           |
| Wyoming .....                       | 53             | 57             | 18             | 16             | 176           | 9             |
| <b>PAD District V Total</b> .....   | <b>16,006</b>  | <b>23,261</b>  | <b>3,322</b>   | <b>4,094</b>   | <b>2,541</b>  | <b>1,605</b>  |
| Alaska .....                        | 707            | 564            | 26             | 15             | 1             | 2             |
| Arizona .....                       | 81             | 61             | 200            | 113            | 84            | 52            |
| California .....                    | 7,846          | 11,788         | 1,204          | 2,194          | 1,383         | 791           |
| Hawaii .....                        | -              | -              | 2              | 6              | 4             | 4             |
| Nevada .....                        | 319            | 337            | 107            | 83             | 80            | 12            |
| Oregon .....                        | 3,422          | 7,799          | 1,283          | 1,189          | 511           | 591           |
| Washington .....                    | 3,631          | 2,711          | 499            | 493            | 478           | 154           |

See footnotes at end of table.



**Table 18. Adjusted Sales of Kerosene by End Use, 1999 and 2000 (Continued)**

(Thousand Gallons)

| Destination                         | Farm          |               | All Other     |              | Total            |                  |
|-------------------------------------|---------------|---------------|---------------|--------------|------------------|------------------|
|                                     | 1999          | 2000          | 1999          | 2000         | 1999             | 2000             |
| <b>U.S. Total</b> .....             | <b>26,312</b> | <b>23,084</b> | <b>10,521</b> | <b>5,921</b> | <b>1,118,124</b> | <b>1,036,014</b> |
| <b>PAD District I Total</b> .....   | <b>8,471</b>  | <b>7,515</b>  | <b>5,491</b>  | <b>1,957</b> | <b>779,669</b>   | <b>827,752</b>   |
| Subdistrict IA Total .....          | 1,277         | 1,120         | 564           | 270          | 141,954          | 152,872          |
| Connecticut .....                   | 22            | 36            | 24            | 1            | 14,927           | 21,385           |
| Maine .....                         | 342           | 419           | 86            | 30           | 71,315           | 77,249           |
| Massachusetts .....                 | 1             | 27            | 76            | 74           | 17,889           | 12,943           |
| New Hampshire .....                 | 341           | 259           | 134           | 52           | 18,360           | 19,079           |
| Rhode Island .....                  | -             | -             | 20            | 35           | 4,537            | 3,558            |
| Vermont .....                       | 572           | 380           | 225           | 78           | 14,925           | 18,657           |
| <b>Subdistrict IB Total</b> .....   | <b>3,652</b>  | <b>3,053</b>  | <b>1,698</b>  | <b>784</b>   | <b>382,222</b>   | <b>428,040</b>   |
| Delaware .....                      | 29            | 27            | -             | -            | 7,534            | 11,511           |
| District of Columbia .....          | -             | -             | -             | -            | 9,759            | 10,341           |
| Maryland .....                      | 287           | 244           | 17            | 31           | 34,186           | 37,701           |
| New Jersey .....                    | 8             | 18            | 51            | 29           | 72,461           | 80,547           |
| New York .....                      | 894           | 936           | 544           | 482          | 129,610          | 144,589          |
| Pennsylvania .....                  | 2,434         | 1,829         | 1,086         | 241          | 128,671          | 143,351          |
| <b>Subdistrict IC Total</b> .....   | <b>3,542</b>  | <b>3,343</b>  | <b>3,228</b>  | <b>904</b>   | <b>255,494</b>   | <b>246,840</b>   |
| Florida .....                       | 641           | 653           | 2,290         | 27           | 13,934           | 9,398            |
| Georgia .....                       | 720           | 515           | 18            | 1            | 13,204           | 11,748           |
| North Carolina .....                | 415           | 555           | 329           | 584          | 93,068           | 95,847           |
| South Carolina .....                | 443           | 686           | 62            | 79           | 28,010           | 28,626           |
| Virginia .....                      | 1,039         | 860           | 516           | 197          | 80,705           | 82,922           |
| West Virginia .....                 | 285           | 74            | 13            | 15           | 26,572           | 18,299           |
| <b>PAD District II Total</b> .....  | <b>11,957</b> | <b>12,069</b> | <b>3,238</b>  | <b>1,991</b> | <b>283,998</b>   | <b>147,201</b>   |
| Illinois .....                      | 935           | 802           | 203           | 195          | 27,762           | 10,945           |
| Indiana .....                       | 1,604         | 892           | 767           | 443          | 60,903           | 19,195           |
| Iowa .....                          | 1,688         | 1,595         | 98            | 71           | 3,021            | 3,146            |
| Kansas .....                        | 218           | 219           | 12            | 57           | 15,124           | 1,517            |
| Kentucky .....                      | 728           | 1,382         | 262           | 128          | 44,584           | 20,799           |
| Michigan .....                      | 474           | 269           | 340           | 81           | 29,145           | 18,196           |
| Minnesota .....                     | 2,863         | 2,651         | 162           | 106          | 5,270            | 6,451            |
| Missouri .....                      | 143           | 127           | 33            | 28           | 3,548            | 4,422            |
| Nebraska .....                      | 126           | 208           | 18            | 53           | 477              | 642              |
| North Dakota .....                  | 25            | 230           | 13            | 21           | 789              | 465              |
| Ohio .....                          | 1,433         | 1,346         | 325           | 81           | 64,108           | 27,160           |
| Oklahoma .....                      | 94            | 147           | 714           | 555          | 1,908            | 5,094            |
| South Dakota .....                  | 50            | 35            | 5             | 11           | 275              | 246              |
| Tennessee .....                     | 154           | 263           | 53            | 35           | 22,185           | 24,280           |
| Wisconsin .....                     | 1,423         | 1,904         | 233           | 125          | 4,900            | 4,642            |
| <b>PAD District III Total</b> ..... | <b>1,320</b>  | <b>1,346</b>  | <b>1,360</b>  | <b>1,273</b> | <b>25,046</b>    | <b>26,469</b>    |
| Alabama .....                       | 23            | 10            | 730           | 466          | 3,505            | 3,268            |
| Arkansas .....                      | 435           | 57            | 55            | 8            | 2,226            | 1,406            |
| Louisiana .....                     | 64            | 447           | 238           | 266          | 3,640            | 4,178            |
| Mississippi .....                   | 5             | 26            | 122           | 3            | 4,378            | 2,822            |
| New Mexico .....                    | 518           | 344           | 34            | 48           | 1,968            | 1,218            |
| Texas .....                         | 274           | 463           | 182           | 482          | 9,329            | 13,576           |
| <b>PAD District IV Total</b> .....  | <b>104</b>    | <b>136</b>    | <b>147</b>    | <b>249</b>   | <b>2,797</b>     | <b>3,163</b>     |
| Colorado .....                      | 55            | 58            | 121           | 74           | 1,341            | 1,737            |
| Idaho .....                         | 27            | 30            | 1             | 1            | 566              | 597              |
| Montana .....                       | 9             | 19            | 2             | 2            | 75               | 32               |
| Utah .....                          | 12            | 28            | 3             | 3            | 546              | 545              |
| Wyoming .....                       | 1             | 1             | 21            | 169          | 269              | 252              |
| <b>PAD District V Total</b> .....   | <b>4,461</b>  | <b>2,018</b>  | <b>285</b>    | <b>451</b>   | <b>26,614</b>    | <b>31,429</b>    |
| Alaska .....                        | -             | -             | -             | -            | 733              | 581              |
| Arizona .....                       | 4             | 4             | 1             | -            | 370              | 230              |
| California .....                    | 1,479         | 643           | 189           | 170          | 12,102           | 15,587           |
| Hawaii .....                        | -             | -             | -             | -            | 7                | 10               |
| Nevada .....                        | 568           | 20            | -             | 5            | 1,075            | 457              |
| Oregon .....                        | 1,884         | 671           | 24            | 43           | 7,125            | 10,294           |
| Washington .....                    | 525           | 680           | 69            | 232          | 5,203            | 4,271            |

Dashes (-) = No data reported.

Note: Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1999 and 2000.

• Energy Information Administration's "Petroleum Supply Annual," Volume 1, 1999 and 2000, (DOE/EIA-0340(99)/1 - (00)/1).

**Table 19. Adjusted Sales for Residential Use: Distillate Fuel Oil and Kerosene, 2000**  
(Thousand Gallons)

| Destination                         | Distillate Fuel Oil |                  |                  | Kerosene       |
|-------------------------------------|---------------------|------------------|------------------|----------------|
|                                     | No. 1               | No. 2            | Total            |                |
| <b>U.S. Total</b> .....             | <b>118,154</b>      | <b>6,086,295</b> | <b>6,204,449</b> | <b>700,532</b> |
| <b>PAD District I Total</b> .....   | <b>8,087</b>        | <b>5,391,107</b> | <b>5,399,194</b> | <b>575,312</b> |
| <b>Subdistrict IA Total</b> .....   | <b>3,918</b>        | <b>2,075,736</b> | <b>2,079,654</b> | <b>119,859</b> |
| Connecticut .....                   | 118                 | 566,725          | 566,843          | 8,358          |
| Maine .....                         | 2,353               | 276,885          | 279,238          | 70,596         |
| Massachusetts .....                 | -                   | 820,588          | 820,588          | 8,011          |
| New Hampshire .....                 | 1,447               | 182,254          | 183,701          | 16,492         |
| Rhode Island .....                  | -                   | 130,927          | 130,927          | 2,712          |
| Vermont .....                       | -                   | 98,356           | 98,356           | 13,691         |
| <b>Subdistrict IB Total</b> .....   | <b>1,898</b>        | <b>2,911,671</b> | <b>2,913,569</b> | <b>255,053</b> |
| Delaware .....                      | 761                 | 44,933           | 45,694           | 5,510          |
| District of Columbia .....          | -                   | 8,746            | 8,746            | 126            |
| Maryland .....                      | 117                 | 195,170          | 195,287          | 21,221         |
| New Jersey .....                    | 224                 | 410,313          | 410,537          | 12,542         |
| New York .....                      | 20                  | 1,413,995        | 1,414,015        | 98,456         |
| Pennsylvania .....                  | 775                 | 838,514          | 839,289          | 117,199        |
| <b>Subdistrict IC Total</b> .....   | <b>2,271</b>        | <b>403,700</b>   | <b>405,971</b>   | <b>200,400</b> |
| Florida .....                       | -                   | 4,780            | 4,780            | 4,163          |
| Georgia .....                       | -                   | 2,873            | 2,873            | 8,310          |
| North Carolina .....                | 345                 | 129,615          | 129,960          | 83,110         |
| South Carolina .....                | 194                 | 19,168           | 19,362           | 21,573         |
| Virginia .....                      | 874                 | 227,074          | 227,948          | 68,945         |
| West Virginia .....                 | 858                 | 20,191           | 21,049           | 14,299         |
| <b>PAD District II Total</b> .....  | <b>71,679</b>       | <b>556,735</b>   | <b>628,414</b>   | <b>93,044</b>  |
| Illinois .....                      | 1,948               | 15,144           | 17,092           | 5,102          |
| Indiana .....                       | 8,005               | 32,480           | 40,485           | 15,098         |
| Iowa .....                          | 4,646               | 15,329           | 19,975           | 1,096          |
| Kansas .....                        | 140                 | 568              | 708              | 830            |
| Kentucky .....                      | 398                 | 21,480           | 21,878           | 13,270         |
| Michigan .....                      | 8,547               | 111,876          | 120,423          | 14,959         |
| Minnesota .....                     | 18,639              | 76,544           | 95,183           | 1,375          |
| Missouri .....                      | 2,118               | 10,670           | 12,788           | 2,889          |
| Nebraska .....                      | 990                 | 3,587            | 4,577            | 335            |
| North Dakota .....                  | 3,585               | 19,814           | 23,399           | 118            |
| Ohio .....                          | 5,864               | 118,582          | 124,446          | 17,604         |
| Oklahoma .....                      | 41                  | 57               | 98               | 2,474          |
| South Dakota .....                  | 3,970               | 10,573           | 14,543           | 149            |
| Tennessee .....                     | 1,416               | 5,817            | 7,233            | 15,887         |
| Wisconsin .....                     | 11,373              | 114,213          | 125,586          | 1,857          |
| <b>PAD District III Total</b> ..... | <b>102</b>          | <b>1,015</b>     | <b>1,117</b>     | <b>7,057</b>   |
| Alabama .....                       | 12                  | 541              | 553              | 1,944          |
| Arkansas .....                      | 1                   | 30               | 31               | 1,048          |
| Louisiana .....                     | -                   | 64               | 64               | 1,090          |
| Mississippi .....                   | -                   | 63               | 63               | 1,476          |
| New Mexico .....                    | 33                  | 249              | 282              | 238            |
| Texas .....                         | 55                  | 68               | 123              | 1,262          |
| <b>PAD District IV Total</b> .....  | <b>9,232</b>        | <b>29,529</b>    | <b>38,761</b>    | <b>1,858</b>   |
| Colorado .....                      | 325                 | 2,950            | 3,275            | 1,220          |
| Idaho .....                         | 5,121               | 15,816           | 20,937           | 417            |
| Montana .....                       | 3,099               | 5,880            | 8,979            | 7              |
| Utah .....                          | 508                 | 3,679            | 4,187            | 156            |
| Wyoming .....                       | 179                 | 1,203            | 1,382            | 57             |
| <b>PAD District V Total</b> .....   | <b>29,052</b>       | <b>107,910</b>   | <b>136,962</b>   | <b>23,261</b>  |
| Alaska .....                        | 23,039              | 25,276           | 48,315           | 564            |
| Arizona .....                       | 9                   | 101              | 110              | 61             |
| California .....                    | 211                 | 6,518            | 6,729            | 11,788         |
| Hawaii .....                        | -                   | 9                | 9                | -              |
| Nevada .....                        | 162                 | 5,749            | 5,911            | 337            |
| Oregon .....                        | 3,047               | 24,376           | 27,423           | 7,799          |
| Washington .....                    | 2,584               | 45,880           | 48,464           | 2,711          |

Dashes (-) = No data reported.

Note: Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 2000.

• Energy Information Administration's "Petroleum Supply Annual," Volume 1, 2000, (DOE/EIA-0340(00)/1).

**Table 20. Adjusted Sales for Commercial Use: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene, 2000**  
(Thousand Gallons)

| Destination                  | Distillate Fuel Oil |                  |                   |                    |             |            |                  | Residual Fuel Oil | Kerosene |
|------------------------------|---------------------|------------------|-------------------|--------------------|-------------|------------|------------------|-------------------|----------|
|                              | No. 1 Distillate    | No. 2 Distillate |                   |                    |             | No. 4 Fuel | Total Distillate |                   |          |
|                              |                     | No. 2 Fuel Oil   | Low Sulfur Diesel | High Sulfur Diesel | No. 2 Total |            |                  |                   |          |
| U.S. Total .....             | 63,532              | 1,576,359        | 1,060,595         | 473,960            | 3,110,914   | 198,150    | 3,372,596        | 775,845           | 219,633  |
| PAD District I Total .....   | 2,613               | 1,304,379        | 418,211           | 219,218            | 1,941,807   | 197,364    | 2,141,784        | 744,122           | 186,620  |
| Subdistrict IA Total .....   | 397                 | 449,415          | 101,267           | 18,148             | 568,830     | 32,202     | 601,430          | 133,312           | 18,957   |
| Connecticut .....            | 122                 | 90,781           | 22,458            | 1,867              | 115,106     | 4,508      | 119,736          | 11,612            | 4,978    |
| Maine .....                  | 78                  | 93,719           | 31,906            | 1,719              | 127,344     | 1,960      | 129,382          | 13,470            | 5,719    |
| Massachusetts .....          | 28                  | 158,474          | 22,953            | 9,238              | 190,664     | 18,238     | 208,931          | 73,901            | 4,487    |
| New Hampshire .....          | -                   | 53,175           | 18,403            | 1,017              | 72,595      | 3,805      | 76,400           | 6,633             | 1,995    |
| Rhode Island .....           | 167                 | 20,415           | 2,399             | 347                | 23,161      | 1,902      | 25,230           | 22,298            | 803      |
| Vermont .....                | 2                   | 32,851           | 3,148             | 3,960              | 39,960      | 1,789      | 41,751           | 5,398             | 975      |
| Subdistrict IB Total .....   | 1,821               | 740,359          | 129,387           | 66,616             | 936,362     | 160,770    | 1,098,953        | 578,124           | 138,001  |
| Delaware .....               | -                   | 7,661            | 2,048             | 726                | 10,435      | 544        | 10,979           | 12,035            | 5,713    |
| District of Columbia .....   | 5                   | 16,175           | 3,137             | 1,117              | 20,429      | 2,095      | 22,530           | 29                | 10,215   |
| Maryland .....               | 694                 | 65,738           | 23,610            | 12,173             | 101,521     | 1,405      | 103,620          | 4,628             | 15,226   |
| New Jersey .....             | 141                 | 97,464           | 18,172            | 11,210             | 126,845     | 7,076      | 134,063          | 25,487            | 49,946   |
| New York .....               | 539                 | 405,592          | 40,005            | 16,224             | 461,822     | 144,826    | 607,187          | 502,184           | 39,810   |
| Pennsylvania .....           | 440                 | 147,728          | 42,416            | 25,165             | 215,309     | 4,824      | 220,573          | 33,761            | 17,091   |
| Subdistrict IC Total .....   | 396                 | 114,605          | 187,557           | 134,454            | 436,615     | 4,391      | 441,402          | 32,686            | 29,662   |
| Florida .....                | -                   | 3,466            | 63,390            | 38,484             | 105,340     | 647        | 105,987          | 812               | 1,186    |
| Georgia .....                | 3                   | 4,905            | 21,677            | 22,821             | 49,403      | 268        | 49,674           | 256               | 1,722    |
| North Carolina .....         | 6                   | 27,768           | 45,383            | 31,921             | 105,072     | 2,441      | 107,519          | 5,997             | 9,820    |
| South Carolina .....         | -                   | 7,783            | 15,779            | 6,884              | 30,446      | -          | 30,446           | 2,685             | 2,280    |
| Virginia .....               | 38                  | 66,876           | 36,894            | 28,649             | 132,419     | 866        | 133,323          | 22,937            | 11,604   |
| West Virginia .....          | 349                 | 3,807            | 4,435             | 5,694              | 13,936      | 168        | 14,453           | -                 | 3,050    |
| PAD District II Total .....  | 35,978              | 102,351          | 275,983           | 153,028            | 531,363     | 748        | 568,089          | 25,165            | 24,695   |
| Illinois .....               | 6,366               | 6,312            | 33,863            | 19,938             | 60,114      | -          | 66,481           | 742               | 2,859    |
| Indiana .....                | 3,107               | 13,678           | 28,304            | 10,658             | 52,639      | -          | 55,746           | 82                | 2,007    |
| Iowa .....                   | 4,380               | 5,046            | 9,423             | 1,093              | 15,561      | -          | 19,941           | 135               | 253      |
| Kansas .....                 | 2,263               | 754              | 16,099            | 4,580              | 21,433      | -          | 23,696           | 168               | 216      |
| Kentucky .....               | 471                 | 5,619            | 22,189            | 16,129             | 43,937      | 488        | 44,897           | 433               | 2,926    |
| Michigan .....               | 1,256               | 8,916            | 39,577            | 15,670             | 64,163      | 7          | 65,426           | 255               | 1,380    |
| Minnesota .....              | 3,784               | 13,415           | 12,642            | 7,028              | 33,086      | -          | 36,870           | 7,301             | 2,260    |
| Missouri .....               | 1,631               | 5,402            | 9,519             | 29,714             | 44,635      | 102        | 46,369           | 1,670             | 933      |
| Nebraska .....               | 3,051               | 537              | 3,127             | 1,408              | 5,072       | 85         | 8,208            | 439               | 44       |
| North Dakota .....           | 1,167               | 2,263            | 4,835             | 1,346              | 8,444       | -          | 9,611            | 656               | 62       |
| Ohio .....                   | 2,442               | 12,313           | 37,929            | 19,521             | 69,762      | -          | 72,204           | -                 | 5,553    |
| Oklahoma .....               | 18                  | 141              | 8,136             | 1,766              | 10,042      | -          | 10,060           | -                 | 1,349    |
| South Dakota .....           | 1,085               | 3,955            | 2,248             | 796                | 7,000       | -          | 8,084            | 3,692             | 33       |
| Tennessee .....              | 92                  | 4,120            | 23,903            | 16,539             | 44,561      | 67         | 44,720           | -                 | 4,419    |
| Wisconsin .....              | 4,865               | 19,880           | 24,189            | 6,842              | 50,912      | -          | 55,777           | 9,592             | 399      |
| PAD District III Total ..... | 934                 | 141,457          | 146,002           | 58,185             | 345,644     | -          | 346,578          | 11                | 3,634    |
| Alabama .....                | -                   | 1,239            | 22,415            | 10,253             | 33,906      | -          | 33,906           | 11                | 388      |
| Arkansas .....               | -                   | 16               | 9,141             | 7,875              | 17,031      | -          | 17,031           | -                 | 189      |
| Louisiana .....              | 88                  | 9                | 7,339             | 7,831              | 15,178      | -          | 15,266           | -                 | 343      |
| Mississippi .....            | -                   | -                | 5,855             | 5,959              | 11,814      | -          | 11,814           | -                 | 344      |
| New Mexico .....             | 91                  | 332              | 9,886             | 1,731              | 11,949      | -          | 12,040           | -                 | 345      |
| Texas .....                  | 755                 | 139,861          | 91,367            | 24,537             | 255,766     | -          | 256,520          | -                 | 2,025    |
| PAD District IV Total .....  | 10,854              | 7,382            | 69,145            | 15,523             | 92,051      | -          | 102,905          | 914               | 589      |
| Colorado .....               | 4,311               | 1,650            | 25,514            | 510                | 27,674      | -          | 31,984           | -                 | 319      |
| Idaho .....                  | 1,459               | 1,224            | 13,373            | 6,784              | 21,381      | -          | 22,839           | -                 | 73       |
| Montana .....                | 806                 | 3,427            | 3,223             | 83                 | 6,733       | -          | 7,539            | 35                | -        |
| Utah .....                   | 1,012               | 713              | 9,777             | 7,860              | 18,351      | -          | 19,363           | 867               | 181      |
| Wyoming .....                | 3,267               | 369              | 17,258            | 287                | 17,913      | -          | 21,180           | 13                | 16       |
| PAD District V Total .....   | 13,153              | 20,790           | 151,254           | 28,005             | 200,049     | 38         | 213,240          | 5,632             | 4,094    |
| Alaska .....                 | 10,230              | 12,391           | 3,913             | 5,681              | 21,985      | 20         | 32,234           | -                 | 15       |
| Arizona .....                | 57                  | 3                | 22,284            | 1,846              | 24,133      | 15         | 24,205           | -                 | 113      |
| California .....             | 366                 | 2,963            | 78,605            | 4,689              | 86,257      | -          | 86,622           | 27                | 2,194    |
| Hawaii .....                 | -                   | 47               | 3,000             | 3,047              | 6,094       | -          | 6,094            | 444               | 6        |
| Nevada .....                 | 200                 | 1,493            | 9,274             | 223                | 10,990      | -          | 11,190           | 446               | 83       |
| Oregon .....                 | 922                 | 2,839            | 18,040            | 5,929              | 26,809      | 4          | 27,734           | 3,274             | 1,189    |
| Washington .....             | 1,378               | 1,054            | 16,139            | 6,589              | 23,782      | -          | 25,160           | 1,441             | 493      |

Dashes (-) = No data reported.

Note: Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 2000.

• Kerosene data are based on data from the Energy Information Administration's "Petroleum Supply Annual," Volume 1, 2000,

(DOE/EIA-0340(00)/1).

**Table 21. Adjusted Sales for Industrial Use: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene, 2000**  
(Thousand Gallons)

| Destination            | Distillate Fuel Oil |                  |                   |                    |             |            |                  | Residual Fuel Oil | Kerosene |
|------------------------|---------------------|------------------|-------------------|--------------------|-------------|------------|------------------|-------------------|----------|
|                        | No. 1 Distillate    | No. 2 Distillate |                   |                    |             | No. 4 Fuel | Total Distillate |                   |          |
|                        |                     | No. 2 Fuel Oil   | Low Sulfur Diesel | High Sulfur Diesel | No. 2 Total |            |                  |                   |          |
| U.S. Total             | 54,323              | 356,679          | 809,918           | 889,264            | 2,055,862   | 39,201     | 2,149,386        | 1,851,139         | 86,844   |
| PAD District I Total   | 1,278               | 218,887          | 115,748           | 280,705            | 615,340     | 33,108     | 649,726          | 1,386,888         | 56,347   |
| Subdistrict IA Total   | 383                 | 37,302           | 17,725            | 4,386              | 59,413      | 11,097     | 70,894           | 415,218           | 12,666   |
| Connecticut            | -                   | 8,773            | 1,338             | 47                 | 10,158      | 5,367      | 15,524           | 19,915            | 8,013    |
| Maine                  | 32                  | 13,690           | 6,796             | 1,157              | 21,642      | 1,634      | 23,308           | 283,080           | 485      |
| Massachusetts          | -                   | 4,579            | 7,080             | 2,608              | 14,267      | 1,008      | 15,276           | 58,407            | 345      |
| New Hampshire          | 351                 | 4,566            | 1,985             | 7                  | 6,558       | 590        | 7,499            | 29,089            | 282      |
| Rhode Island           | -                   | 2,710            | 191               | 16                 | 2,917       | 1,166      | 4,083            | 13,679            | 8        |
| Vermont                | -                   | 2,983            | 336               | 552                | 3,871       | 1,332      | 5,204            | 11,048            | 3,533    |
| Subdistrict IB Total   | 596                 | 109,966          | 27,805            | 57,635             | 195,406     | 16,324     | 212,326          | 264,630           | 31,149   |
| Delaware               | -                   | 591              | 1,478             | 345                | 2,414       | 50         | 2,464            | 34,959            | 262      |
| District of Columbia   | -                   | 15               | -                 | -                  | 15          | -          | 15               | 5                 | -        |
| Maryland               | 583                 | 11,820           | 4,086             | 5,707              | 21,612      | 1,534      | 23,729           | 28,390            | 979      |
| New Jersey             | 4                   | 16,413           | 1,271             | 2,779              | 20,464      | 5,448      | 25,915           | 29,243            | 18,012   |
| New York               | -                   | 33,218           | 4,109             | 1,804              | 39,131      | 6,239      | 45,371           | 105,959           | 4,905    |
| Pennsylvania           | 10                  | 47,909           | 16,861            | 47,000             | 111,770     | 3,052      | 114,832          | 66,074            | 6,991    |
| Subdistrict IC Total   | 298                 | 71,619           | 70,217            | 218,684            | 360,520     | 5,687      | 366,506          | 707,040           | 12,532   |
| Florida                | -                   | 7,613            | 14,225            | 21,211             | 43,048      | 1,057      | 44,105           | 179,119           | 3,369    |
| Georgia                | -                   | 6,187            | 18,849            | 33,745             | 58,781      | 1,652      | 60,433           | 69,216            | 1,201    |
| North Carolina         | -                   | 19,293           | 19,688            | 27,535             | 66,515      | 381        | 66,896           | 251,337           | 1,778    |
| South Carolina         | -                   | 8,217            | 7,653             | 7,648              | 23,517      | 257        | 23,775           | 92,368            | 4,008    |
| Virginia               | 1                   | 17,493           | 6,507             | 52,051             | 76,051      | 2,340      | 78,392           | 99,413            | 1,316    |
| West Virginia          | 297                 | 12,816           | 3,296             | 76,495             | 92,607      | -          | 92,905           | 15,587            | 860      |
| PAD District II Total  | 26,146              | 110,784          | 175,541           | 285,135            | 571,460     | 3,194      | 600,800          | 267,993           | 15,403   |
| Illinois               | 3,339               | 5,398            | 30,019            | 28,715             | 64,132      | -          | 67,470           | 12,205            | 1,987    |
| Indiana                | 5,711               | 30,902           | 19,849            | 47,278             | 98,029      | 477        | 104,217          | 24,699            | 755      |
| Iowa                   | 854                 | 1,271            | 8,376             | 2,515              | 12,163      | -          | 13,016           | 7,461             | 132      |
| Kansas                 | 765                 | 119              | 8,124             | 3,596              | 11,839      | 6          | 12,610           | 21,367            | 195      |
| Kentucky               | -                   | 8,213            | 9,890             | 93,233             | 111,336     | 60         | 111,397          | 4,335             | 3,093    |
| Michigan               | 746                 | 6,271            | 12,207            | 16,982             | 35,460      | 1,800      | 38,007           | 27,455            | 1,507    |
| Minnesota              | 5,312               | 22,771           | 15,915            | 1,556              | 40,242      | 111        | 45,665           | 22,846            | 58       |
| Missouri               | 2,199               | 1,913            | 11,876            | 17,495             | 31,284      | -          | 33,483           | 3,831             | 446      |
| Nebraska               | 1,057               | 111              | 1,373             | 2,431              | 3,916       | -          | 4,972            | 6,139             | 2        |
| North Dakota           | 783                 | 125              | 1,620             | 588                | 2,333       | -          | 3,116            | 3,494             | 34       |
| Ohio                   | 470                 | 9,150            | 21,479            | 37,557             | 68,186      | 103        | 68,759           | 74,875            | 2,575    |
| Oklahoma               | -                   | 309              | 1,229             | 3,508              | 5,046       | -          | 5,046            | 9,224             | 569      |
| South Dakota           | 710                 | 4,231            | 1,326             | 183                | 5,741       | 82         | 6,533            | 3,375             | 18       |
| Tennessee              | -                   | 251              | 13,879            | 11,689             | 25,819      | 256        | 26,075           | 3,500             | 3,676    |
| Wisconsin              | 4,202               | 19,746           | 18,378            | 17,810             | 55,934      | 300        | 60,435           | 43,186            | 356      |
| PAD District III Total | 2,728               | 4,282            | 193,039           | 218,373            | 415,694     | 1,979      | 420,400          | 171,206           | 13,159   |
| Alabama                | 111                 | 551              | 22,343            | 32,943             | 55,837      | 1,408      | 57,356           | 68,982            | 460      |
| Arkansas               | -                   | 122              | 5,521             | 9,254              | 14,897      | -          | 14,897           | 473               | 105      |
| Louisiana              | -                   | 116              | 6,667             | 56,438             | 63,221      | -          | 63,221           | 72,838            | 2,033    |
| Mississippi            | -                   | -                | 8,126             | 29,091             | 37,217      | 11         | 37,228           | 370               | 973      |
| New Mexico             | 2,617               | 1,454            | 30,100            | 1,831              | 33,384      | -          | 36,002           | 7,166             | 243      |
| Texas                  | -                   | 2,038            | 120,284           | 88,815             | 211,137     | 560        | 211,697          | 21,377            | 9,345    |
| PAD District IV Total  | 12,767              | 7,543            | 202,407           | 18,358             | 228,308     | 72         | 241,146          | 4,222             | 330      |
| Colorado               | 1,240               | 196              | 21,599            | 961                | 22,756      | -          | 23,995           | -                 | 66       |
| Idaho                  | 3,442               | 4,308            | 16,967            | 10,546             | 31,821      | -          | 35,263           | 105               | 77       |
| Montana                | 1,165               | 63               | 16,972            | 182                | 17,217      | 10         | 18,391           | -                 | 3        |
| Utah                   | 2,059               | 243              | 34,706            | 6,492              | 41,440      | -          | 43,499           | 2,902             | 177      |
| Wyoming                | 4,861               | 2,733            | 112,163           | 178                | 115,074     | 62         | 119,997          | 1,215             | 9        |
| PAD District V Total   | 11,405              | 15,184           | 123,184           | 86,693             | 225,060     | 848        | 237,313          | 20,829            | 1,605    |
| Alaska                 | 10,229              | 3,966            | 19                | 9,710              | 13,695      | -          | 23,924           | -                 | 2        |
| Arizona                | 934                 | -                | 26,566            | 32,824             | 59,390      | -          | 60,324           | 1,228             | 52       |
| California             | -                   | 336              | 42,570            | 2,127              | 45,033      | -          | 45,033           | 5,738             | 791      |
| Hawaii                 | -                   | 45               | 1,382             | 584                | 2,011       | -          | 2,011            | 1,625             | 4        |
| Nevada                 | 114                 | 10,495           | 30,673            | 15,994             | 57,162      | 815        | 58,091           | -                 | 12       |
| Oregon                 | 32                  | 232              | 14,479            | 14,986             | 29,698      | 33         | 29,763           | 7,328             | 591      |
| Washington             | 95                  | 109              | 7,495             | 10,469             | 18,073      | -          | 18,168           | 4,910             | 154      |

Dashes (-) = No data reported.

Note: Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 2000.

• Kerosene data are based on data from the Energy Information Administration's "Petroleum Supply Annual," Volume 1, 2000, (DOE/EIA-0340(00)/1).

**Table 22. Adjusted Sales for Farm Use: Distillate Fuel Oil and Kerosene; Sales for Electric Utility and Oil Company Uses: Distillate Fuel Oil and Residual Fuel Oil, 2000**  
(Thousand Gallons)

| Destination                   | Farm             |                  |                  |               | Electric            |                   | Oil Company Use     |                   |
|-------------------------------|------------------|------------------|------------------|---------------|---------------------|-------------------|---------------------|-------------------|
|                               | Diesel           | Other Distillate | Total Distillate | Kerosene      | Distillate Fuel Oil | Residual Fuel Oil | Distillate Fuel Oil | Residual Fuel Oil |
| <b>U.S. Total</b>             | <b>3,079,664</b> | <b>88,745</b>    | <b>3,168,409</b> | <b>23,084</b> | <b>793,162</b>      | <b>3,633,075</b>  | <b>684,620</b>      | <b>179,285</b>    |
| <b>PAD District I Total</b>   | <b>388,534</b>   | <b>44,002</b>    | <b>432,535</b>   | <b>7,515</b>  | <b>304,717</b>      | <b>3,000,908</b>  | <b>19,101</b>       | <b>85,516</b>     |
| <b>Subdistrict IA Total</b>   | <b>12,414</b>    | <b>11,650</b>    | <b>24,064</b>    | <b>1,120</b>  | <b>11,295</b>       | <b>381,994</b>    | <b>268</b>          | <b>-</b>          |
| Connecticut                   | 1,788            | 3,110            | 4,899            | 36            | 1,813               | 116,886           | 268                 | -                 |
| Maine                         | 2,709            | 3,101            | 5,811            | 419           | 249                 | 28,583            | -                   | -                 |
| Massachusetts                 | 2,316            | 501              | 2,816            | 27            | 5,532               | 200,454           | -                   | -                 |
| New Hampshire                 | 935              | 2,796            | 3,731            | 259           | 1,023               | 16,392            | -                   | -                 |
| Rhode Island                  | 99               | -                | 99               | -             | 1,197               | 19,679            | -                   | -                 |
| Vermont                       | 4,566            | 2,141            | 6,708            | 380           | 1,481               | -                 | -                   | -                 |
| <b>Subdistrict IB Total</b>   | <b>80,750</b>    | <b>27,867</b>    | <b>108,616</b>   | <b>3,053</b>  | <b>87,998</b>       | <b>733,124</b>    | <b>12,623</b>       | <b>85,516</b>     |
| Delaware                      | 7,224            | 62               | 7,286            | 27            | 4,473               | 23,117            | 4,237               | 41,577            |
| District of Columbia          | -                | -                | -                | -             | 12,933              | -                 | -                   | -                 |
| Maryland                      | 22,407           | 435              | 22,842           | 244           | 16,504              | 72,549            | 4                   | 752               |
| New Jersey                    | 7,785            | 566              | 8,351            | 18            | 7,172               | 113,069           | 2,843               | 2,201             |
| New York                      | 22,092           | 20,337           | 42,428           | 936           | 3,010               | 443,546           | 6                   | 843               |
| Pennsylvania                  | 21,242           | 6,467            | 27,709           | 1,829         | 43,907              | 80,843            | 5,534               | 40,143            |
| <b>Subdistrict IC Total</b>   | <b>295,370</b>   | <b>4,485</b>     | <b>299,855</b>   | <b>3,343</b>  | <b>205,423</b>      | <b>1,885,790</b>  | <b>6,209</b>        | <b>-</b>          |
| Florida                       | 98,140           | 329              | 98,469           | 653           | 102,713             | 1,778,307         | 309                 | -                 |
| Georgia                       | 106,561          | 151              | 106,712          | 515           | 26,921              | 19,685            | 302                 | -                 |
| North Carolina                | 37,329           | 3,265            | 40,594           | 555           | 33,694              | -                 | 155                 | -                 |
| South Carolina                | 14,820           | 280              | 15,100           | 686           | 16,240              | 4,052             | 100                 | -                 |
| Virginia                      | 35,930           | 420              | 36,350           | 860           | 14,394              | 83,746            | 596                 | -                 |
| West Virginia                 | 2,590            | 41               | 2,631            | 74            | 11,460              | -                 | 4,746               | -                 |
| <b>PAD District II Total</b>  | <b>1,571,971</b> | <b>39,984</b>    | <b>1,611,956</b> | <b>12,069</b> | <b>133,971</b>      | <b>61,959</b>     | <b>41,727</b>       | <b>27,377</b>     |
| Illinois                      | 163,237          | 4,002            | 167,239          | 802           | 9,138               | 7,887             | 1,409               | 744               |
| Indiana                       | 68,750           | 3,490            | 72,241           | 892           | 17,307              | -                 | 2,623               | -                 |
| Iowa                          | 197,682          | 10,413           | 208,096          | 1,595         | 4,173               | 206               | -                   | -                 |
| Kansas                        | 141,596          | 904              | 142,500          | 219           | 8,411               | 7,866             | 6,904               | -                 |
| Kentucky                      | 26,825           | 2,822            | 29,647           | 1,382         | 6,982               | 25                | 745                 | -                 |
| Michigan                      | 65,969           | 2,829            | 68,798           | 269           | 16,906              | 43,501            | -                   | 5,619             |
| Minnesota                     | 107,331          | 3,581            | 110,912          | 2,651         | 4,704               | 2,075             | 4                   | 7,502             |
| Missouri                      | 64,237           | 657              | 64,894           | 127           | 9,154               | 107               | 10                  | -                 |
| Nebraska                      | 163,763          | 1,288            | 165,051          | 208           | 2,577               | -                 | -                   | -                 |
| North Dakota                  | 95,283           | 280              | 95,563           | 230           | 1,931               | 292               | 5,608               | -                 |
| Ohio                          | 67,164           | 1,748            | 68,912           | 1,346         | 28,211              | -                 | 2,249               | 4,235             |
| Oklahoma                      | 73,642           | 24               | 73,666           | 147           | 2,109               | -                 | 22,143              | 3,389             |
| South Dakota                  | 62,495           | 818              | 63,314           | 35            | 2,479               | -                 | 25                  | -                 |
| Tennessee                     | 38,821           | 243              | 39,064           | 263           | 15,983              | -                 | 7                   | -                 |
| Wisconsin                     | 235,175          | 6,884            | 242,058          | 1,904         | 3,904               | -                 | -                   | 5,888             |
| <b>PAD District III Total</b> | <b>548,885</b>   | <b>3,219</b>     | <b>552,104</b>   | <b>1,346</b>  | <b>194,786</b>      | <b>199,854</b>    | <b>560,905</b>      | <b>2,275</b>      |
| Alabama                       | 21,789           | -                | 21,789           | 10            | 7,823               | -                 | 136                 | 2,275             |
| Arkansas                      | 101,874          | -                | 101,874          | 57            | 4,027               | 7,609             | 1,540               | -                 |
| Louisiana                     | 78,726           | 1,913            | 80,639           | 447           | 13,108              | 24,570            | 294,331             | -                 |
| Mississippi                   | 69,950           | 1,291            | 71,241           | 26            | 2,105               | 162,758           | 3,678               | -                 |
| New Mexico                    | 15,157           | 15               | 15,173           | 344           | 2,268               | -                 | 28,282              | -                 |
| Texas                         | 261,388          | -                | 261,388          | 463           | 165,455             | 4,915             | 232,938             | -                 |
| <b>PAD District IV Total</b>  | <b>218,977</b>   | <b>1,460</b>     | <b>220,437</b>   | <b>136</b>    | <b>8,492</b>        | <b>-</b>          | <b>29,245</b>       | <b>-</b>          |
| Colorado                      | 59,967           | 443              | 60,411           | 58            | 4,680               | -                 | 6,897               | -                 |
| Idaho                         | 61,410           | 560              | 61,971           | 30            | 14                  | -                 | -                   | -                 |
| Montana                       | 58,521           | 378              | 58,900           | 19            | 13                  | -                 | 2,286               | -                 |
| Utah                          | 17,224           | 24               | 17,249           | 28            | 1,362               | -                 | 3,242               | -                 |
| Wyoming                       | 21,854           | 54               | 21,907           | 1             | 2,423               | -                 | 16,820              | -                 |
| <b>PAD District V Total</b>   | <b>351,297</b>   | <b>80</b>        | <b>351,377</b>   | <b>2,018</b>  | <b>151,196</b>      | <b>370,354</b>    | <b>33,643</b>       | <b>64,116</b>     |
| Alaska                        | 31               | 1                | 31               | -             | 36,124              | -                 | 25,912              | -                 |
| Arizona                       | 16,642           | -                | 16,642           | 4             | 7,559               | -                 | 71                  | -                 |
| California                    | 254,148          | -                | 254,148          | 643           | 7,910               | 976               | 6,244               | -                 |
| Hawaii                        | 7,621            | -                | 7,621            | -             | 90,043              | 369,378           | 45                  | 21,682            |
| Nevada                        | 4,544            | 14               | 4,557            | 20            | 857                 | -                 | 33                  | -                 |
| Oregon                        | 42,679           | 50               | 42,729           | 671           | 4,811               | -                 | 430                 | 45                |
| Washington                    | 25,632           | 16               | 25,647           | 680           | 3,893               | -                 | 908                 | 42,389            |

Dashes (-) = No data reported.

Note: Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 2000.

• Kerosene data are based on data from the Energy Information Administration's "Petroleum Supply Annual," Volume 1, 2000, (DOE/EIA-0340(00)/1).

**Table 23. Adjusted Sales for Transportation Use: Distillate Fuel Oil and Residual Fuel Oil, 2000**  
(Thousand Gallons)

| Destination                         | Railroad Use        | Vessel Bunkering    |                   | On-Highway Diesel   | Total Transportation Use |                   |
|-------------------------------------|---------------------|---------------------|-------------------|---------------------|--------------------------|-------------------|
|                                     | Distillate Fuel Oil | Distillate Fuel Oil | Residual Fuel Oil | Distillate Fuel Oil | Distillate Fuel Oil      | Residual Fuel Oil |
| <b>U.S. Total</b> .....             | <b>3,070,766</b>    | <b>2,080,599</b>    | <b>7,485,487</b>  | <b>33,129,664</b>   | <b>38,281,029</b>        | <b>7,485,487</b>  |
| <b>PAD District I Total</b> .....   | <b>499,787</b>      | <b>490,150</b>      | <b>2,340,865</b>  | <b>10,228,244</b>   | <b>11,218,181</b>        | <b>2,340,865</b>  |
| <b>Subdistrict IA Total</b> .....   | <b>32,368</b>       | <b>37,593</b>       | <b>64,739</b>     | <b>994,438</b>      | <b>1,064,399</b>         | <b>64,739</b>     |
| Connecticut .....                   | 10,419              | 2,765               | 500               | 223,858             | 237,042                  | 500               |
| Maine .....                         | 2,939               | 7,170               | 35,525            | 165,548             | 175,657                  | 35,525            |
| Massachusetts .....                 | 18,057              | 21,049              | 28,422            | 398,877             | 437,983                  | 28,422            |
| New Hampshire .....                 | 2                   | 717                 | -                 | 99,104              | 99,823                   | -                 |
| Rhode Island .....                  | -                   | 5,328               | 292               | 54,105              | 59,433                   | 292               |
| Vermont .....                       | 950                 | 565                 | -                 | 52,946              | 54,461                   | -                 |
| <b>Subdistrict IB Total</b> .....   | <b>169,518</b>      | <b>186,750</b>      | <b>1,452,022</b>  | <b>3,659,966</b>    | <b>4,016,234</b>         | <b>1,452,022</b>  |
| Delaware .....                      | 177                 | 32,761              | 86,506            | 58,093              | 91,030                   | 86,506            |
| District of Columbia .....          | 3,648               | 3                   | -                 | 23,124              | 26,775                   | -                 |
| Maryland .....                      | 5,283               | 26,534              | 35,985            | 499,287             | 531,104                  | 35,985            |
| New Jersey .....                    | 15,398              | 91,954              | 650,432           | 784,719             | 892,070                  | 650,432           |
| New York .....                      | 42,446              | 14,488              | 429,130           | 946,272             | 1,003,207                | 429,130           |
| Pennsylvania .....                  | 102,565             | 21,011              | 249,970           | 1,348,471           | 1,472,048                | 249,970           |
| <b>Subdistrict IC Total</b> .....   | <b>297,901</b>      | <b>265,807</b>      | <b>824,103</b>    | <b>5,573,840</b>    | <b>6,137,548</b>         | <b>824,103</b>    |
| Florida .....                       | 108,506             | 125,220             | 531,375           | 1,274,869           | 1,508,594                | 531,375           |
| Georgia .....                       | 69,301              | 23,405              | 43,812            | 1,381,691           | 1,474,397                | 43,812            |
| North Carolina .....                | 60,129              | 8,726               | 6,809             | 1,017,088           | 1,085,943                | 6,809             |
| South Carolina .....                | 15,387              | 12,681              | 19,868            | 617,908             | 645,976                  | 19,868            |
| Virginia .....                      | 34,587              | 38,475              | 222,240           | 992,580             | 1,065,641                | 222,240           |
| West Virginia .....                 | 9,991               | 57,301              | -                 | 289,704             | 356,996                  | -                 |
| <b>PAD District II Total</b> .....  | <b>1,232,993</b>    | <b>301,356</b>      | <b>32,780</b>     | <b>11,140,616</b>   | <b>12,674,965</b>        | <b>32,780</b>     |
| Illinois .....                      | 107,581             | 47,628              | 1,014             | 1,275,542           | 1,430,751                | 1,014             |
| Indiana .....                       | 75,237              | 43,808              | 16,078            | 1,272,013           | 1,391,058                | 16,078            |
| Iowa .....                          | 25,754              | 5,257               | -                 | 496,774             | 527,785                  | -                 |
| Kansas .....                        | 53,692              | 957                 | -                 | 359,912             | 414,561                  | -                 |
| Kentucky .....                      | 102,225             | 81,012              | -                 | 828,750             | 1,011,987                | -                 |
| Michigan .....                      | 44,007              | 4,947               | 2,551             | 911,342             | 960,296                  | 2,551             |
| Minnesota .....                     | 62,747              | 4,285               | 11,817            | 656,568             | 723,600                  | 11,817            |
| Missouri .....                      | 29,999              | 62,118              | 310               | 917,569             | 1,009,686                | 310               |
| Nebraska .....                      | 70,919              | 22                  | -                 | 362,705             | 433,646                  | -                 |
| North Dakota .....                  | 38,630              | -                   | -                 | 141,486             | 180,116                  | -                 |
| Ohio .....                          | 149,585             | 3,593               | 653               | 1,504,632           | 1,657,811                | 653               |
| Oklahoma .....                      | 332,110             | 191                 | -                 | 728,583             | 1,060,884                | -                 |
| South Dakota .....                  | 4,152               | -                   | -                 | 146,170             | 150,322                  | -                 |
| Tennessee .....                     | 82,478              | 44,195              | -                 | 889,379             | 1,016,052                | -                 |
| Wisconsin .....                     | 53,877              | 3,343               | 358               | 649,191             | 706,411                  | 358               |
| <b>PAD District III Total</b> ..... | <b>686,342</b>      | <b>1,033,333</b>    | <b>2,779,725</b>  | <b>5,643,703</b>    | <b>7,363,378</b>         | <b>2,779,725</b>  |
| Alabama .....                       | 47,940              | 85,737              | 153,985           | 766,750             | 900,427                  | 153,985           |
| Arkansas .....                      | 45,430              | 125                 | -                 | 586,466             | 632,021                  | -                 |
| Louisiana .....                     | 45,252              | 559,603             | 1,447,036         | 579,895             | 1,184,750                | 1,447,036         |
| Mississippi .....                   | 21,684              | 33,109              | 72,759            | 512,739             | 567,532                  | 72,759            |
| New Mexico .....                    | 5,963               | -                   | -                 | 404,044             | 410,007                  | -                 |
| Texas .....                         | 520,073             | 354,760             | 1,105,945         | 2,793,809           | 3,668,642                | 1,105,945         |
| <b>PAD District IV Total</b> .....  | <b>344,586</b>      | <b>173</b>          | <b>-</b>          | <b>1,474,611</b>    | <b>1,819,371</b>         | <b>-</b>          |
| Colorado .....                      | 49,267              | -                   | -                 | 461,178             | 510,445                  | -                 |
| Idaho .....                         | 46,797              | 150                 | -                 | 215,438             | 262,384                  | -                 |
| Montana .....                       | 79,100              | -                   | -                 | 189,707             | 268,807                  | -                 |
| Utah .....                          | 33,463              | 24                  | -                 | 337,256             | 370,743                  | -                 |
| Wyoming .....                       | 135,959             | -                   | -                 | 271,032             | 406,991                  | -                 |
| <b>PAD District V Total</b> .....   | <b>307,059</b>      | <b>255,586</b>      | <b>2,332,116</b>  | <b>4,642,490</b>    | <b>5,205,135</b>         | <b>2,332,116</b>  |
| Alaska .....                        | 3,999               | 80,320              | 6,283             | 90,999              | 175,319                  | 6,283             |
| Arizona .....                       | 3,897               | 22                  | -                 | 630,293             | 634,212                  | -                 |
| California .....                    | 189,444             | 100,623             | 1,786,334         | 2,632,760           | 2,922,827                | 1,786,334         |
| Hawaii .....                        | -                   | 13,445              | 118,560           | 33,506              | 46,951                   | 118,560           |
| Nevada .....                        | 7,033               | -                   | -                 | 263,275             | 270,308                  | -                 |
| Oregon .....                        | 75,417              | 9,554               | 67,536            | 429,014             | 513,985                  | 67,536            |
| Washington .....                    | 27,268              | 51,622              | 353,403           | 562,643             | 641,533                  | 353,403           |

<sup>E</sup> Estimated data.

Dashes (-) = No data reported.

Note: Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 2000.

• On-Highway Diesel data are Federal Highway Administration statistics of highway special fuels use.

• Energy Information Administration's "Petroleum Supply Annual," Volume 1, 2000, (DOE/EIA-0340(00)/1).

**Table 24. Adjusted Sales for Military, Off-Highway, and All Other Uses: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene, 2000**  
(Thousand Gallons)

| Destination                   | Military       |                     |                     |                      | Off-Highway<br>Distillate Fuel Oil |                |                  | All Other              |                      |              |
|-------------------------------|----------------|---------------------|---------------------|----------------------|------------------------------------|----------------|------------------|------------------------|----------------------|--------------|
|                               | Diesel         | Other<br>Distillate | Total<br>Distillate | Residual<br>Fuel Oil | Construction                       | Other          | Total            | Distillate<br>Fuel Oil | Residual<br>Fuel Oil | Kerosene     |
| <b>U.S. Total</b>             | <b>179,545</b> | <b>53,665</b>       | <b>233,210</b>      | <b>33,198</b>        | <b>1,899,837</b>                   | <b>430,533</b> | <b>2,330,370</b> | -                      | <b>8,107</b>         | <b>5,921</b> |
| <b>PAD District I Total</b>   | <b>41,440</b>  | <b>29,361</b>       | <b>70,801</b>       | <b>16,430</b>        | <b>510,876</b>                     | <b>159,047</b> | <b>669,923</b>   | -                      | <b>7,997</b>         | <b>1,957</b> |
| <b>Subdistrict IA Total</b>   | <b>2,914</b>   | <b>5,530</b>        | <b>8,444</b>        | <b>2,495</b>         | <b>48,856</b>                      | <b>12,397</b>  | <b>61,252</b>    | -                      | <b>449</b>           | <b>270</b>   |
| Connecticut                   | 310            | 1,744               | 2,054               | 658                  | 13,629                             | 173            | 13,802           | -                      | 306                  | 1            |
| Maine                         | 1,769          | 2,610               | 4,379               | 1,575                | 6,856                              | 2,938          | 9,794            | -                      | -                    | 30           |
| Massachusetts                 | 183            | 8                   | 190                 | 262                  | 17,858                             | 1,924          | 19,782           | -                      | 143                  | 74           |
| New Hampshire                 | 589            | 1,068               | 1,657               | -                    | 7,396                              | 4,662          | 12,059           | -                      | -                    | 52           |
| Rhode Island                  | 31             | -                   | 31                  | -                    | 1,539                              | 907            | 2,447            | -                      | -                    | 35           |
| Vermont                       | 32             | 101                 | 133                 | -                    | 1,577                              | 1,792          | 3,369            | -                      | -                    | 78           |
| <b>Subdistrict IB Total</b>   | <b>6,682</b>   | <b>16,972</b>       | <b>23,653</b>       | <b>11,144</b>        | <b>180,009</b>                     | <b>19,627</b>  | <b>199,636</b>   | -                      | -                    | <b>784</b>   |
| Delaware                      | 304            | 77                  | 381                 | 579                  | 3,653                              | 1,822          | 5,474            | -                      | -                    | -            |
| District of Columbia          | 1,151          | 3,296               | 4,446               | -                    | 1,333                              | -              | 1,333            | -                      | -                    | -            |
| Maryland                      | 2,164          | 1,899               | 4,063               | 5,911                | 37,748                             | 345            | 38,094           | -                      | -                    | 31           |
| New Jersey                    | 66             | 574                 | 641                 | 719                  | 25,698                             | 9,252          | 34,950           | -                      | -                    | 29           |
| New York                      | 1,746          | 2,544               | 4,289               | 3,640                | 41,637                             | 2,416          | 44,052           | -                      | -                    | 482          |
| Pennsylvania                  | 1,251          | 8,582               | 9,833               | 296                  | 69,941                             | 5,792          | 75,733           | -                      | -                    | 241          |
| <b>Subdistrict IC Total</b>   | <b>31,845</b>  | <b>6,859</b>        | <b>38,704</b>       | <b>2,791</b>         | <b>282,011</b>                     | <b>127,023</b> | <b>409,034</b>   | -                      | <b>7,548</b>         | <b>904</b>   |
| Florida                       | 13,098         | 7                   | 13,105              | -                    | 91,012                             | 16,165         | 107,178          | -                      | 7,029                | 27           |
| Georgia                       | 2,950          | -                   | 2,950               | -                    | 50,801                             | 41,639         | 92,440           | -                      | -                    | 1            |
| North Carolina                | 2,219          | 728                 | 2,947               | -                    | 46,193                             | 15,009         | 61,201           | -                      | 519                  | 584          |
| South Carolina                | 1,231          | 365                 | 1,596               | -                    | 17,591                             | 33,416         | 51,008           | -                      | -                    | 79           |
| Virginia                      | 12,194         | 5,756               | 17,950              | 2,791                | 65,060                             | 14,541         | 79,601           | -                      | -                    | 197          |
| West Virginia                 | 153            | 2                   | 155                 | -                    | 11,354                             | 6,253          | 17,606           | -                      | -                    | 15           |
| <b>PAD District II Total</b>  | <b>15,427</b>  | <b>20,673</b>       | <b>36,100</b>       | <b>3,902</b>         | <b>549,299</b>                     | <b>59,008</b>  | <b>608,307</b>   | -                      | <b>53</b>            | <b>1,991</b> |
| Illinois                      | 886            | 17                  | 903                 | 3,902                | 85,206                             | 2,216          | 87,423           | -                      | -                    | 195          |
| Indiana                       | 281            | 3                   | 285                 | -                    | 40,672                             | 6,993          | 47,665           | -                      | -                    | 443          |
| Iowa                          | 182            | -                   | 182                 | -                    | 27,329                             | 1,604          | 28,933           | -                      | -                    | 71           |
| Kansas                        | 457            | -                   | 457                 | -                    | 19,705                             | 4,091          | 23,796           | -                      | -                    | 57           |
| Kentucky                      | 957            | -                   | 957                 | -                    | 37,478                             | 4,772          | 42,250           | -                      | -                    | 128          |
| Michigan                      | 423            | -                   | 423                 | -                    | 59,236                             | 2,217          | 61,453           | -                      | 53                   | 81           |
| Minnesota                     | 534            | -                   | 534                 | -                    | 38,722                             | 6,223          | 44,945           | -                      | -                    | 106          |
| Missouri                      | 3,016          | -                   | 3,016               | -                    | 46,411                             | 6,285          | 52,696           | -                      | -                    | 28           |
| Nebraska                      | 1,051          | -                   | 1,051               | -                    | 17,666                             | 866            | 18,532           | -                      | -                    | 53           |
| North Dakota                  | 394            | -                   | 394                 | -                    | 9,403                              | 642            | 10,044           | -                      | -                    | 21           |
| Ohio                          | 1,129          | 19,843              | 20,972              | -                    | 54,779                             | 7,277          | 62,055           | -                      | -                    | 81           |
| Oklahoma                      | 351            | -                   | 351                 | -                    | 35,554                             | 2,203          | 37,757           | -                      | -                    | 555          |
| South Dakota                  | 16             | 11                  | 28                  | -                    | 8,624                              | 1,562          | 10,186           | -                      | -                    | 11           |
| Tennessee                     | 595            | -                   | 595                 | -                    | 29,451                             | 6,754          | 36,205           | -                      | -                    | 35           |
| Wisconsin                     | 5,153          | 799                 | 5,952               | -                    | 39,064                             | 5,303          | 44,366           | -                      | -                    | 125          |
| <b>PAD District III Total</b> | <b>9,239</b>   | <b>11</b>           | <b>9,250</b>        | <b>12,866</b>        | <b>394,367</b>                     | <b>122,622</b> | <b>516,989</b>   | -                      | <b>57</b>            | <b>1,273</b> |
| Alabama                       | 2,504          | 11                  | 2,515               | -                    | 33,328                             | 20,621         | 53,949           | -                      | -                    | 466          |
| Arkansas                      | 202            | -                   | 202                 | -                    | 27,582                             | 36,641         | 64,222           | -                      | -                    | 8            |
| Louisiana                     | 2,568          | -                   | 2,568               | -                    | 59,562                             | 24,460         | 84,022           | -                      | -                    | 266          |
| Mississippi                   | 2,669          | -                   | 2,669               | -                    | 18,556                             | 17,820         | 36,375           | -                      | -                    | 3            |
| New Mexico                    | 325            | -                   | 325                 | -                    | 20,542                             | 2,980          | 23,522           | -                      | 57                   | 48           |
| Texas                         | 971            | -                   | 971                 | 12,866               | 234,797                            | 20,102         | 254,899          | -                      | -                    | 482          |
| <b>PAD District IV Total</b>  | <b>2,230</b>   | <b>1,933</b>        | <b>4,163</b>        | -                    | <b>150,060</b>                     | <b>30,035</b>  | <b>180,094</b>   | -                      | -                    | <b>249</b>   |
| Colorado                      | 759            | 34                  | 793                 | -                    | 79,400                             | 2,374          | 81,774           | -                      | -                    | 74           |
| Idaho                         | 446            | 168                 | 615                 | -                    | 18,600                             | 11,783         | 30,383           | -                      | -                    | 1            |
| Montana                       | 59             | -                   | 59                  | -                    | 10,015                             | 11,054         | 21,069           | -                      | -                    | 2            |
| Utah                          | 890            | 1,731               | 2,621               | -                    | 24,874                             | 2,571          | 27,446           | -                      | -                    | 3            |
| Wyoming                       | 75             | -                   | 75                  | -                    | 17,171                             | 2,252          | 19,423           | -                      | -                    | 169          |
| <b>PAD District V Total</b>   | <b>111,209</b> | <b>1,687</b>        | <b>112,895</b>      | -                    | <b>295,235</b>                     | <b>59,822</b>  | <b>355,056</b>   | -                      | -                    | <b>451</b>   |
| Alaska                        | 5,997          | 47                  | 6,044               | -                    | 6,863                              | 6,514          | 13,377           | -                      | -                    | -            |
| Arizona                       | -              | -                   | -                   | -                    | 38,155                             | 2,615          | 40,770           | -                      | -                    | -            |
| California                    | 7,232          | -                   | 7,232               | -                    | 193,860                            | 22,138         | 215,998          | -                      | -                    | 170          |
| Hawaii                        | 10,706         | -                   | 10,706              | -                    | 3,474                              | 41             | 3,515            | -                      | -                    | -            |
| Nevada                        | 751            | -                   | 751                 | -                    | 15,160                             | 949            | 16,109           | -                      | -                    | 5            |
| Oregon                        | 941            | 5                   | 945                 | -                    | 14,202                             | 13,398         | 27,601           | -                      | -                    | 43           |
| Washington                    | 85,582         | 1,635               | 87,218              | -                    | 23,520                             | 14,167         | 37,687           | -                      | -                    | 232          |

Dashes (-) = No data reported.

Note: Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 2000.

• Energy Information Administration's "Petroleum Supply Annual," Volume 1, 2000, (DOE/EIA-0340(00)/1).

Appendix A

## **Technical Notes**



## Appendix A

# Technical Notes

### Note 1: EIA-821: Annual Fuel Oil and Kerosene Sales Report, 2000

#### Background

The EIA-821, "Annual Fuel Oil and Kerosene Sales Report" survey was implemented to meet Energy Information Administration (EIA) legislative mandates and data user needs. Form EIA-821 is used to gather data on the sales to end users of distillate fuel oil, residual fuel oil, and kerosene. The data are used to determine the level of demand by end-use category and product at the State, regional, and national levels. This mandatory report is authorized by the Federal Energy Administration Act of 1974 (P. L. 93-275).

The predecessor survey to the EIA-821 was the EIA-172, "Sales Report of Fuel Oil and Kerosene" survey. The EIA-172 was conducted for reference years 1979 through 1982. Due to a serious deterioration in the sample of respondents during the 4-year period, the Form EIA-172 data were not collected for 1983. Instead, estimates for 1983 were published and a new sample of respondents was designed and selected from an improved sampling frame. The EIA-821 survey commenced with reference year 1984.

#### Discussion of Sampling Frame

The target population for the fuel oil and kerosene sales survey is the universe of companies that sell fuel oil and kerosene to end users.

The EIA-863 data base provided the sampling frame for the EIA-821 survey. The EIA-863, "Petroleum Product Sales Identification Survey," was mailed to approximately 22,300 companies in January 1999 to collect 1998 State-level sales volume data for No. 2 distillate, residual fuel, motor gasoline, and propane. Companies also indicated if they sold kerosene. The No. 2 distillate data were further identified by residential and nonresidential end use, and non-end-use sales; the residual data were identified by end use and non-end-use; motor gasoline was identified by end use and non-end use and by conventional and oxygenated and/or reformulated; and propane was identified by residential, nonresidential, and non-end-use sales. The mailing list for the EIA-863 survey was constructed by merging and unduplicating the 1994

frame file and more than 50 State and commercial lists. In addition, company/State-level volumes for distillate fuel, residual fuel, motor gasoline, and propane from the 1998 EIA-821 survey were merged with the EIA-863 to yield a combined data file. The transformed and edited version of the frame was then used to design and select the 1999 EIA-821 sample.

It should be noted that truck stops selling No. 2 diesel fuel were not specifically included in the EIA-863 survey. Therefore, the EIA-821 survey does not include all sales of No. 2 distillate through retail truck stops. However, to compensate for this shortage in coverage, data from the Federal Highway Administration are presented in the tables for on-highway diesel sales.

The sampling frame also lacked full coverage of kerosene retailers, many of whom are hardware stores and service stations. To account for all kerosene volumes supplied to the marketplace, aggregate reported kerosene volumes are set equal to the products supplied volumes published in the *Petroleum Supply Annual*.

#### Discussion of the Sample Design

The purpose of the EIA-821 sample design was to produce State-level estimates of total sales for the following five target variables: (1) residential No. 2 distillate, (2) other retail No. 2 distillate, (3) wholesale No. 2 distillate, (4) retail residual, and (5) wholesale residual. A separate sample was initially designed for each target variable.

Companies were divided into two basic types of strata: certainty and noncertainty. Companies selected with certainty were:

- all refiners and gas plant operators
- companies doing business in four or more States
- companies accounting for 5 percent or more of the distillate or residual fuel oil volume for any target variable or particular end-use category sold in a State.
- companies accounting for 5 percent or more of the kerosene volume sold in a State in an earlier EIA-821 survey.
- augmented frame units, e.g., vessel bunkering, for which no attribute data were available.

Firms determined not to be selling distillate or residual fuel oil or kerosene were removed from the frame file. Volumes for nonrespondents to the EIA-863 who had reported in the previous frame survey or in a sample survey were imputed. The imputed nonrespondents and the noncertainty companies were stratified by sales volume for each target variable. Strata boundaries were determined using the Dalenius-Hodges procedures, allowing the number of strata and the strata boundaries to vary by State. Nonrespondents for whom no previous information was available were classified in a separate stratum and sampled with reduced probabilities of selection.

Neyman allocation was used to allocate the number of companies required for each strata to obtain the required levels of accuracy: a 2.5 percent coefficient of variation for residual fuel oil and a 5 percent coefficient of variation for distillate fuel oil. Sample selections were then performed simultaneously from the same random list for the five samples to produce a final linked sample of approximately 4,700 companies. This method reduced the total survey sample size while improving volume estimates. Selected companies were asked to report sales by end-use categories for distillate and residual fuel oil and kerosene.

## Imputation and Estimation

Survey data gathered from the respondents may contain incomplete reporting, total nonresponse, or values that fail editing. Missing data are estimated, or implicitly imputed for, using the strata means and treated the same as reported data. The weighted estimate is defined as follows:

$$\hat{V} = \sum_h N_h \left( \sum_i W_{hi} V_{hi} / \sum_i W_{hi} \right)$$

where:

- $\hat{V}$  = total estimated volume
- $\sum_h$  = denotes summation over strata
- $N_h$  = stratum population for stratum h
- $\sum_i$  = denotes summation over units within stratum h
- $V_{hi}$  = volume reported for unit i in stratum h
- $W_{hi}$  = weight attached to unit i in stratum h.

where:  $W_{hi}$  is inversely proportional to the probability of inclusion in the linked sample.

The degree of imputation by product and end use at the U.S. total level ranged as follows for the 2000

EIA-821 data: distillate, 2.2 percent for railroad use to 26.2 percent for off-highway use; residual fuel oil, 0.0 percent for military use to 6.3 percent for electric utility use; and kerosene, 3.0 percent for all others uses to 10.5 percent for farm use.

## Collection Methods

The EIA-821 form was mailed in January 2001 to all companies selected for participation in the 2000 reference year survey. The completed form was due to EIA on March 5, 2001. A second request was sent by certified mail to nonrespondents approximately 1 month after the filing deadline. Follow-up telephone calls were made to collect outstanding data and to verify reported data. Late submissions and resubmissions were processed when received.

## Data Processing

As EIA-821 forms were received, they were logged into an automated Survey Control File that maintains company identification and survey form status information for each company selected to participate in the survey. The data were reviewed manually, entered onto the computer files, and then processed through an automated edit program which detected missing data and outlying values. Data that failed the edits were resolved through telephone calls to the data reporters and corrections were entered onto the computer files. Preliminary estimates were generated and processed through a series of validation procedures to flag and rectify potential misreporting of data. Statistical reports, including publication tables, were produced using only acceptable and verified data.

## Note 2: Reliability of the Data

Two types of errors are associated with data produced from a sample survey—sampling errors and nonsampling errors. Sampling errors occur because the estimates are based on a sample rather than on a census. The particular sample used for the EIA-821 survey is one of a large number of samples of equal size which could have been selected from the sampling frame using the same sample design. Each of these samples would produce a different estimate. If the estimates were averaged over all possible samples, the result would be the same as the estimate derived from a census of the sampling frame. The sampling error is a measure of variability among the estimates from all possible samples and, thus, is a measure of the precision with which an estimate from a particular sample approximates the results of a census.

Nonsampling errors and possibly biases can arise from a number of sources: (1) inability to obtain information about all cases in the sample, (2) response errors, (3) differences in the interpretation of questions or definitions, (4) mistakes in recording or coding of the data obtained, and (5) other errors of collection, response, coverage, and estimation for missing data. Bias is the difference between the average of the estimates over all possible samples of the same size and design, and the true value being estimated. It is not possible to estimate bias using the results of one sample.

Data obtained from alternate sources are not subject to sampling errors, but may be subject to nonsampling errors, the magnitudes of which are unknown. Nonsampling errors for survey estimates and estimates adjusted to alternate sources cannot be determined, but attempts are made throughout survey processing to minimize this type of error.

Data in Tables 1 through 12 are based on survey data which are subject to sampling errors. Coefficients of variation, which are estimates of sampling errors, are presented for the retail target variables in the following table for the 2000 survey. The coefficients of variation (CV) were estimated by:

$$CV(\hat{V}) = \frac{\sqrt{VAR(\hat{V})}}{\hat{V}}$$

where:

$$VAR(\hat{V}) = \sum_h n_h \left(1 - \frac{n_h}{N_h}\right) S_h^2$$

$$S_h^2 = \frac{\sum_{i=1}^{n_h} W_i^2 V_i^2 + \bar{V}_h^2 \sum_{i=1}^{n_h} W_i^2 - 2 \bar{V}_h \sum_{i=1}^{n_h} W_i^2 V_i}{n_h - 1}$$

$$\bar{V}_h = \frac{\sum_{i=1}^{n_h} W_i V_i}{\sum_{i=1}^{n_h} W_i}$$

$\hat{V}$  = total estimated volume,

$N_h$  = stratum population for stratum h,

$n_h$  = number of sample units in stratum h,

$V_i$  = volume for unit i,

$W_i$  = weight for unit i.

Response rates also offer some indication of the reliability and comprehensiveness of survey results. For the 2000 EIA-821 survey, the overall response rate (the number of submissions received, divided by the number of submissions solicited and expected, times 100) was 92.5 percent.

## Coefficients of Variation for Sales of Fuel Oil, 2000

| Geographic Area                       | Residential Distillate Fuel Oil | Non-Residential Retail Distillate Fuel Oil | Retail Residual Fuel Oil |
|---------------------------------------|---------------------------------|--|--------------------------|
| <b>U.S. Average</b> .....             | <b>1.8</b>                      | <b>0.8</b>                                 | <b>0.1</b>               |
| <b>PAD District I Average</b> .....   | <b>2.0</b>                      | <b>1.1</b>                                 | <b>0.1</b>               |
| <b>Subdistrict IA Average</b> .....   | <b>2.1</b>                      | <b>1.5</b>                                 | <b>0.1</b>               |
| Connecticut .....                     | 5.1                             | 3.1  | 0.1                      |
| Maine .....                           | 4.0                             | 3.1  | 0.0                      |
| Massachusetts .....                   | 3.4                             | 3.4  | 0.1                      |
| New Hampshire .....                   | 5.0                             | 2.8  | 0.0                      |
| Rhode Island .....                    | 5.1                             | 2.9  | 0.0                      |
| Vermont .....                         | 5.7                             | 2.5  | 0.0                      |
| <b>Subdistrict IB Average</b> .....   | <b>3.4</b>                      | <b>1.7</b>                                 | <b>0.1</b>               |
| Delaware .....                        | 1.9                             | 0.9  | 0.0                      |
| District of Columbia .....            | 0.0                             | 0.0  | 0.0                      |
| Maryland .....                        | 4.2                             | 2.4  | 0.0                      |
| New Jersey .....                      | 3.8                             | 2.6  | 0.0                      |
| New York .....                        | 6.4                             | 3.4  | 0.1                      |
| Pennsylvania .....                    | 4.3                             | 3.0  | 0.0                      |
| <b>Subdistrict IC Average</b> .....   | <b>3.7</b>                      | <b>1.8</b>                                 | <b>0.1</b>               |
| Florida .....                         | 5.3                             | 3.5  | 0.0                      |
| Georgia .....                         | 9.9                             | 3.1  | 0.0                      |
| North Carolina .....                  | 5.4                             | 6.9  | 0.1                      |
| South Carolina .....                  | 8.6                             | 3.8  | 0.0                      |
| Virginia .....                        | 5.8                             | 3.8  | 0.0                      |
| West Virginia .....                   | 6.5                             | 2.7  | 0.0                      |
| <b>PAD District II Average</b> .....  | <b>2.5</b>                      | <b>1.1</b>                                 | <b>0.1</b>               |
| Illinois .....                        | 8.2                             | 4.8  | 0.0                      |
| Indiana .....                         | 7.0                             | 3.2  | 0.0                      |
| Iowa .....                            | 9.6                             | 3.2  | 1.1                      |
| Kansas .....                          | 6.7                             | 3.3  | 0.1                      |
| Kentucky .....                        | 3.9                             | 2.6  | 0.0                      |
| Michigan .....                        | 5.9                             | 3.4  | 0.2                      |
| Minnesota .....                       | 6.6                             | 4.1  | 0.1                      |
| Missouri .....                        | 5.5                             | 4.5  | 0.0                      |
| Nebraska .....                        | 32.2                            | 3.8  | 0.0                      |
| North Dakota .....                    | 7.4                             | 4.9  | 0.0                      |
| Ohio .....                            | 5.3                             | 3.1  | 0.0                      |
| Oklahoma .....                        | 36.5                            | 3.3  | 0.0                      |
| South Dakota .....                    | 7.6                             | 3.7  | 0.0                      |
| Tennessee .....                       | 8.4                             | 2.7  | 0.0                      |
| Wisconsin .....                       | 7.3                             | 7.2  | 0.0                      |
| <b>PAD District III Average</b> ..... | <b>4.5</b>                      | <b>2.8</b>                                 | <b>0.1</b>               |
| Alabama .....                         | 4.3                             | 3.8  | 0.0                      |
| Arkansas .....                        | 14.8                            | 3.4  | 0.0                      |
| Louisiana .....                       | 0.0                             | 4.5  | 0.0                      |
| Mississippi .....                     | 1.0                             | 3.6  | 0.0                      |
| New Mexico .....                      | 15.2                            | 3.5  | 0.0                      |
| Texas .....                           | 9.6                             | 5.0  | 0.1                      |
| <b>PAD District IV Average</b> .....  | <b>4.2</b>                      | <b>1.3</b>                                 | <b>0.0</b>               |
| Colorado .....                        | 38.3                            | 3.0  | 0.0                      |
| Idaho .....                           | 4.2                             | 2.7  | 0.0                      |
| Montana .....                         | 5.2                             | 2.8  | 0.0                      |
| Utah .....                            | 4.9                             | 1.5  | 0.0                      |
| Wyoming .....                         | 2.3                             | 3.0  | 0.0                      |
| <b>PAD District V Average</b> .....   | <b>2.7</b>                      | <b>2.4</b>                                 | <b>0.1</b>               |
| Alaska .....                          | 5.1                             | 1.9  | 0.0                      |
| Arizona .....                         | 0.0                             | 1.8  | 0.0                      |
| California .....                      | 12.3                            | 4.5  | 0.1                      |
| Hawaii .....                          | 0.0                             | 1.0  | 0.0                      |
| Nevada .....                          | 5.1                             | 4.4  | 0.0                      |
| Oregon .....                          | 6.5                             | 4.2  | 0.0                      |
| Washington .....                      | 3.8                             | 5.0  | 0.0                      |

Note: Coefficients of variation that are less than 0.1 and greater than zero are displayed as 0.1.

Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 2000.

## Note 3: Data Adjustments

### Alternate Source Data

After all preliminary tabulations were verified, comparisons were made between the survey results and available alternate source data. The following end-use categories were replaced by alternate source data at the U.S., Petroleum Administration for Defense (PAD) district, or State level:

#### Tables 1 through 12:

**On-Highway Diesel.** Distillate fuel oil by State was calculated from the Federal Highway Administration data on highway use of special fuels. Of the 1996 through 2000 special fuels, more than 99 percent is diesel.

#### Tables 13 through 24:

**Electric Utility.** National-level distillate and residual fuel oil sales for electric utility use were calculated from annual aggregations of data collected on forms EIA-759, "Monthly Power Plant Report," and FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." Form EIA-759 consumption data for light oils include No. 2 fuel oil, kerosene, and jet fuel; the heavy oils include No. 4 fuel oil, residual fuel oil, and crude oil. Using receipt data from Form FERC-423, the No. 4 fuel oil receipts were deleted from the heavy oil consumption data and added to the light oil consumption data. The resultant distillate (light oils) and residual (heavy oils) consumption data were added to the stock change of light oils and heavy oils, respectively, from Form EIA-759 to obtain the estimate of sales. Allocations at the State level were based on the EIA-821 survey.

**On-Highway Diesel.** Distillate fuel oil by State was calculated from the Federal Highway Administration data on highway use of special fuels. Of the 1996 through 2000 special fuels, more than 99 percent is diesel.

### 1996 through 2000 Adjustments

Kerosene volumes in Tables 1 through 24 are adjusted at the national level to equal products supplied volumes as published in the "Detailed Statistics" section

of the *Petroleum Supply Annual* (PSA). The 2000 survey resulted in 677,128 thousand gallons of kerosene at the national level. The products supplied volume at the national level for kerosene was 1,036,014 thousand gallons. Hence, the adjustment factor at the national level for 2000 was 1.53.

Volumes of distillate fuel oil in Tables 13 through 24 were adjusted at the PAD district level to equal products supplied volumes. The adjustment factors at the PAD district level for 2000 are as follows:

#### Distillate Fuel Oil

- PAD District I: .91
- PAD District II: .94
- PAD District III: 1.03
- PAD District IV: 1.20
- PAD District V: .63

For Tables 13 through 24, total sales at the PAD district level equal the products supplied volumes as reported in the PSA, 1996 through 2000. For example, the 2000 survey yielded a volume for distillate residential use in PAD District II of 666,039 thousand gallons. The total distillate volume for PAD District II was 5,966,811 from the survey, after subtracting the volume coming from alternate sources. The product supplied total distillate volume for PAD District II was 5,629,741 after removing alternate source volume. Hence, the adjusted 2000 estimate of distillate for residential use in PAD District II was  $(5,629,741/5,966,811) \times 666,039 = 628,414$ .

For distillate fuel oil in Tables 13 through 24, the PAD district adjustments were made to each State and product-use category except on-highway diesel use, and electric utility use.

Volumes of residual fuel oil in Tables 13 through 24 were adjusted at the national level to equal the products supplied estimate. The 2000 survey yielded 13,210,935 thousand gallons of residual fuel oil, while the products supplied volume at the national level was 13,996,134 thousand gallons. Thus, the adjustment factor at the national level for 2000 was 1.17, after subtracting the volumes coming from alternate sources. For residual fuel oil, the adjustments were made to each State and end-use category except electric utility use.

## Note 4: End-Use Descriptions and Petroleum Product Definitions

### End-Use Descriptions

**Residential Use.** Includes sales for use in private households for space heating, water heating, cooking, etc. Sales to farm houses are reported under "Farm Use."

**Commercial Use.** Includes sales for use in non-manufacturing establishments such as motels, apartment buildings, restaurants, retail stores, institutions, government buildings, schools, and laundries for space heating, water heating, and cooking.

**Industrial Use.** Includes sales to mines, smelters, and plants engaged in producing manufactured products, processing and assembling goods, etc. Also includes space heating. Excludes oil company use, as defined below.

**Oil Company Use.** Includes sales to drilling companies, pipelines or other related oil companies not engaged in the selling of petroleum products. Includes fuel oil that was purchased or produced and used by company facilities for the operation of drilling equipment, other field or refinery operations, and space heating at petroleum refineries, pipeline companies, and oil-drilling companies. Oil used to bunker vessels is counted under vessel bunkering. Sales to other oil companies for field use are included, but sales for use as refinery charging stocks are excluded.

**Farm Use.** Includes sales for use in tractors, irrigation pumps and other agricultural machinery, as well as that used for crop drying, smudge pot fuel, space heating of buildings (including farm houses), cooking, and any other use by the agriculture industry.

**Electric Utility Companies.** Includes sales to electric utility companies, including that used for the generation of electricity. Volumes imported and used directly by electric utility companies are also included.

**Railroad Use.** Includes sales to railroads, for any use, including that used for heating buildings operated by railroads.

**Vessel Bunkering.** Includes sales for the fueling of commercial or private boats, such as pleasure craft, fishing boats, tugboats, and ocean-going vessels, including vessels operated by oil companies. Excluded are volumes sold to the U.S. Armed Forces.

**On-Highway Diesel Use.** Includes sales for use in motor vehicles. Volumes used by companies in the marketing and distribution of petroleum products are also included.

**Military Use.** Includes sales to the Armed Forces, including volumes sold to the Defense Fuel Supply Center (DFSC) for use by all branches of the Department of Defense (DOD).

**Off-Highway Use.** Includes sales for use in:

1. **Construction.** Construction equipment including earthmoving equipment, cranes, stationary generators, air compressors, etc.
2. **Other.** Sales for off-highway uses other than construction. Sales for logging are included in this category. Volumes for off-highway use by the agriculture industry are reported under "Farm Use."

**All Other Uses.** Sales for all other uses not included in any other end-use category are reported here.

### Definitions of Petroleum Products and Other Related Terms

**ASTM.** The acronym for the American Society for Testing and Materials.

**Distillate Fuel Oil.** A general classification for one of the petroleum fractions produced in conventional distillation operations. It is used primarily for space heating, on- and off-highway diesel engine fuel (including railroad engine fuel and fuel for agricultural machinery), and electric power generation. Included are products known as No. 1, No. 2, and No. 4 fuel oils and No. 1, No. 2, and No. 4 diesel fuels.

1. **No. 1 Distillate.** A petroleum distillate which meets the specifications for No. 1 heating or fuel oil as defined in ASTM D 396 and/or the specifications for No. 1 diesel fuel as defined in ASTM Specification D 975.
  - a. **No. 1 Diesel Fuel.** A volatile distillate fuel oil with a boiling range between 300 and 575 degrees Fahrenheit and used in high-speed diesel engines generally operated under wide variations in speed and load. Includes type C-B diesel fuel used for city buses and similar operations. Properties are defined in ASTM Specification D 975.
  - b. **No. 1 Fuel Oil.** A light distillate fuel oil intended for use in vaporizing pot-type burn-

ers. ASTM Specification D 396 specifies for this grade maximum distillation temperatures of 400 degrees Fahrenheit at the 10-percent point and 550 degrees Fahrenheit at the 90-percent point, and kinematic viscosities between 1.4 and 2.2 centistokes at 100 degrees Fahrenheit.

2. **No. 2 Distillate.** A petroleum distillate which meets the specifications for No. 2 heating oil or fuel oil as defined in ASTM D 396 and/or the specifications for No. 2 diesel fuel as defined in ASTM Specification D 975.

- a. **No. 2 Diesel Fuel.** A gas oil type distillate of lower volatility with distillation temperatures at the 90-percent point between 540 and 640 degrees Fahrenheit for use in high speed diesel engines generally operated under uniform speed and load conditions. Includes Type R-R diesel fuel used for railroad locomotive engines, and Type T-T for diesel-engine trucks. Properties are defined in ASTM Specification D 975.

- (1) **No. 2 Diesel  $\leq$  .05% Sulfur.** The sulfur level does not exceed 0.05 percent by weight.

- (2) **No. 2 Diesel  $>$  .05% Sulfur.** The sulfur level is above 0.05 percent by weight.

- b. **No. 2 Fuel Oil.** A distillate fuel oil for use in atomizing type burners for domestic heating or for moderate capacity commercial-industrial burner units. ASTM Specification D 396 specifies for this grade distillation temperatures at the 90-percent point between 540 and 640 degrees Fahrenheit, and kinematic viscosities between 2.0 and 3.6 centistokes at 100 degrees Fahrenheit.
3. **No. 4 Fuel.** A fuel oil for commercial burner installations not equipped for preheating facilities. It is used extensively in industrial plants. This grade is a blend of distillate fuel oil and residual fuel oil stocks that conforms to ASTM Specification D 396 or Federal Specification VV-F-815C; its kinematic viscosity is between 5.8 and 26.4 centistokes at 100 degrees Fahrenheit. Also included is No. 4-D, a fuel oil for low- and medium-speed diesel engines that conforms to ASTM Specification D 975.

**NOTE:** Respondents to the EIA-821 survey were instructed to report all volumes in accordance with what the product was sold as, regardless of the actual specifications of that product. For example, if a No. 2 distillate was

sold as a heating oil or fuel oil, the volume would be reported in the category "No. 2 Fuel Oil" even if the product conformed to the higher specifications of a diesel fuel.

**Kerosene.** A petroleum distillate that boils at a temperature between 300 and 550 degrees Fahrenheit, that has a flash point higher than 100 degrees Fahrenheit by ASTM Method D 56, that has a gravity range from 40 to 46 degrees API, and that has a burning point in the range of 150 degrees to 175 degrees Fahrenheit. Included are the two classifications recognized by ASTM Specification D 3699: No. 1-K and No. 2-K, and all grades of kerosene called range or stove oil which have properties similar to No. 1 fuel oil, but with a gravity of about 43 degrees API and a maximum end-point of 625 degrees Fahrenheit. Kerosene is used in space heaters, cook stoves, and water heaters and is suitable for use as an illuminant when burned in wick lamps.

**PAD District.** Petroleum Administration for Defense Districts

#### **PAD District I:**

**Subdistrict IA.** Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont

**Subdistrict IB.** Delaware, District of Columbia, Maryland, New Jersey, New York, and Pennsylvania

**Subdistrict IC.** Florida, Georgia, North Carolina, South Carolina, Virginia, and West Virginia

#### **PAD District II:**

Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, North Dakota, South Dakota, Ohio, Oklahoma, Tennessee, and Wisconsin

#### **PAD District III:**

Alabama, Arkansas, Louisiana, Mississippi, New Mexico, and Texas

#### **PAD District IV:**

Colorado, Idaho, Montana, Utah, and Wyoming

#### **PAD District V:**

Alaska, Arizona, California, Hawaii, Nevada, Oregon, and Washington

**Residual Fuel Oils.** The topped crude of refinery operations, which includes No. 5 and No. 6 fuel oils, as defined in ASTM Specification D 396 and Federal Specification, VV-F-815C; Navy Special fuel oil as defined in Military Specification MIL-F-859E including Amendment 2 (NATO symbol F-77); and Bunker

C fuel oil. Residual fuel oil is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes.

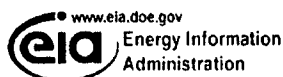
**United States.** The 50 States and the District of Columbia.



Appendix B

**Form EIA-821:  
Annual Fuel Oil  
and Kerosene  
Sales Report**

# Appendix B



U.S. DEPARTMENT OF ENERGY  
Energy Information Administration

Form Approved  
OMB Number: 1905-0174  
Form Expires: 11/30/03

## EIA-821: ANNUAL FUEL OIL AND KEROSENE SALES REPORT

This report is mandatory under Public Law 93-275. For the provisions concerning the confidentiality of information and sanctions, see Sections V and VI of the instructions.

### PART I. IDENTIFICATION DATA

For assistance in completing this form  
call 1-800-592-2299

| Provide Corrections to Company Name, Telephone Number, and Address in Items 1-8   |   |   |  |
|---|---|---|--|
| 1. Company Name   |   | 4. Street   |  |
| 2. Name of Contact Person   |   | 5. P.O. Box / RFD   |  |
| 3. Contact's Telephone Number<br>[ ][ ][ ] - [ ][ ][ ] - [ ][ ][ ][ ]   |   | 6. City   | 7. State   |
|   |   | 8. Zip Code   |  |
| 9. Reference Year<br><b>2000</b>  | 10. Type of Report (Check One)<br>(1) <input type="checkbox"/> Original (2) <input type="checkbox"/> Resubmission |   | 11. The Number of States for Which You Are Reporting<br>[ ][ ] |
| 12. Which of the following best describes this firm at the end of 2000?<br>a. <input type="checkbox"/> In operation - Sales include petroleum products<br>b. (1) <input type="checkbox"/> Sold or Merged<br>(2) <input type="checkbox"/> Leased<br>c. <input type="checkbox"/> Permanently ceased operation<br>d. <input type="checkbox"/> Subsidiary of another<br>e. <input type="checkbox"/> Commissioned Agent<br>f. <input type="checkbox"/> Not in petroleum business |   | 13. Effective Date of Status Change<br>Month [ ][ ] Day [ ][ ] Year [ ][ ][ ]<br>14. Name of Company Sold to / Leased to / Merged into / Subsidiary of / Agent for:<br>15. Name of Contact Person<br>16. Contact's Telephone Number<br>[ ][ ][ ] - [ ][ ][ ] - [ ][ ][ ][ ]<br>17. Street<br>18. PO Box / RFD<br>19. City |  |
|   |   | 20. State   |  |
|   |   | 21. Zip Code  |  |
| PREPARED BY: Check appropriate box. If preparer is different from contact person, complete lines 24 and 25.   |   |   |  |
| 22. <input type="checkbox"/> Preparer same as contact person shown on label   |   | 23. Date  |  |
| 24. <input type="checkbox"/> Preparer's Name  |   | 25. Preparer's Telephone number   |  |

| Name of Firm Reporting  |  | DOE ID Number   | Reference Year<br><b>2000</b> | Page _____ of _____ |
|---|--|---|-------------------------------|---------------------|
| <b>PART II. TOTAL SALES DURING THE REFERENCE YEAR. (READ PAGES 2-5 OF INSTRUCTIONS CAREFULLY)</b> |  |   |                               |                     |
| Line No.  | Type of Fuel and Use                                 | States of Destination (Enter STANDARD ABBREVIATIONS)  |                               |                     |
| Sold directly to consumers for  |  | <b>Kerosene (Report in Actual Gallons)</b>            |                               |                     |
| 1   | Residential Use (Non-Farm):                          |   |                               |                     |
| 2   | Commercial Use:                                      |   |                               |                     |
| 3   | Industrial Use:                                      |   |                               |                     |
| 4   | Farm Use:  |   |                               |                     |
| 5   | All Other Uses (Include own company use):            |   |                               |                     |
| 6   | Sold to Dealers, Resellers, and Refiners:            |   |                               |                     |
| 7   | <b>Total Kerosene (Add Lines 1 thru 6)</b>           |   |                               |                     |
| Sold directly to consumers for  |  | <b>Distillate Fuel Oil (Report in Actual Gallons)</b> |                               |                     |
| Residential Use (Non-Farm):   |  |   |                               |                     |
| 8   | No. 1  |   |                               |                     |
| 9   | No. 2  |   |                               |                     |
| Commercial Use (See Reference Guide):   |  |   |                               |                     |
| 10  | No. 1  |   |                               |                     |
| 11  | No. 2 Fuel Oil                                       |   |                               |                     |
| 12  | No. 2 Diesel $\leq$ .05% Sulfur, Low                 |   |                               |                     |
| 13  | No. 2 Diesel $>$ .05% Sulfur, High                   |   |                               |                     |
| 14  | No. 4  |   |                               |                     |
| Industrial Use (Manufacturing and Mining):  |  |   |                               |                     |
| 15  | No. 1  |   |                               |                     |
| 16  | No. 2 Fuel Oil                                       |   |                               |                     |
| 17  | No. 2 Diesel $\leq$ .05% Sulfur, Low                 |   |                               |                     |
| 18  | No. 2 Diesel $>$ .05% Sulfur, High                   |   |                               |                     |
| 19  | No. 4  |   |                               |                     |
| 20  | Oil Company Use (Drilling and Own Company Refining): |   |                               |                     |
| 21  | Railroad Use:  |   |                               |                     |
| 22  | Vessel Bunkering (Shipping and Boating):             |   |                               |                     |

| Name of Firm Reporting  |  | DOE ID Number                                       | Reference Year<br><b>2000</b> | Page _____ of _____ |
|---|--|---|-------------------------------|---------------------|
| <b>PART II. TOTAL SALES DURING THE REFERENCE YEAR.</b> (READ PAGES 2-5 OF INSTRUCTIONS CAREFULLY) |  |   |                               |                     |
| Line No.  | Type of Fuel and Use                                 | States of Destination (Enter STANDARD ABBREVIATION) |                               |                     |
|   |  |   |                               |                     |
| <b>Distillate Fuel Oil--Continued</b> (Report in Actual Gallons)                                  |  |   |                               |                     |
|   | Military Use:  |   |                               |                     |
| 23  | Diesel   |   |                               |                     |
| 24  | Other Distillate                                     |   |                               |                     |
| 25  | Electric Utility Use:                                |   |                               |                     |
|   | Farm Use:  |   |                               |                     |
| 26  | Diesel   |   |                               |                     |
| 27  | Other Distillate                                     |   |                               |                     |
| 28  | On-highway Diesel Use:                               |   |                               |                     |
|   | Off-highway Use:                                     |   |                               |                     |
| 29  | Construction   |   |                               |                     |
| 30  | Other (Specify e.g., Logging) _____                  |   |                               |                     |
| 31  | All Other Uses (Specify): _____                      |   |                               |                     |
| 32  | Sold to Dealers, Resellers, and Refiners:            |   |                               |                     |
| 33  | <b>Total Distillate (Add Lines 8 thru 32)</b>        |   |                               |                     |
| <b>Residual Fuel Oil - Include No.5 and No. 6</b> (Report in Actual Gallons)                      |  |   |                               |                     |
|   | Sold directly to consumers for                       |   |                               |                     |
| 34  | Commercial Use (Nonmanufacturing):                   |   |                               |                     |
| 35  | Industrial Use (Manufacturing and Mining):           |   |                               |                     |
| 36  | Oil Company Use (Drilling and Own Company Refining): |   |                               |                     |
| 37  | Railroad Use (Include Volumes on line 41):           |   |                               |                     |
| 38  | Vessel Bunkering:                                    |   |                               |                     |
| 39  | Military Use:  |   |                               |                     |
| 40  | Electric Utility Use:                                |   |                               |                     |
| 41  | All Other Uses (Specify): _____                      |   |                               |                     |
| 42  | Sold to Dealers, Resellers, and Refiners:            |   |                               |                     |
| 43  | <b>Total Residual (Add Lines 34 thru 42)</b>         |   |                               |                     |

Send the completed form to: **U.S. Department of Energy**  
**Energy Information Administration (EIA-821)**  
**P.O. Box 833**  
**Merrifield, VA. 22116-0833**

or telefax completed form by calling: **1(703) 827-9514, Attn: EIA-821**